

gacgacagga	gagtgggccc	ccccaggtct	atgctgcgct	catacagaca	gatgtccatc	4980
atctctctgg	cttccatgaa	ttctgactgc	agcaccacca	gcaagcctac	ctcagagagc	5040
tttgacctgg	aattagcatc	acccaagacg	ccgagagtgg	agcaggagga	accgatctcc	5100
ccggggagca	ccctgcctga	ggtcaagctg	cggaggtcca	agaagaggac	aaagagaagc	5160
agcgtagttt	ttgcggatga	gaaagcagct	gcagagtccg	acctgaagcg	gctttccagg	5220
aagcatgagt	tcatgagtga	caccaacctc	tcggagcatg	cggccatccc	cctcaaggcg	5280
tctgtcctct	ctcaaagtga	ctttgccagc	cagtccatgc	ctaccatccc	agccctggcg	5340
ctctcagtgg	caggcatccc	tgggttggat	gaggccaaca	catctccccg	cctcagccag	5400
accttcctcc	aactctcaga	tggtgacaag	aagacactca	cacggaagaa	ggtcaatcag	5460
ttcttcaaga	caatgctggc	cagcaaatacg	gctgaagaag	gcaaacagat	cccagactcg	5520
ctgtccacgg	acctgtgagc	tgtgtgtgac	tagggctgca	tgggagagcc	agggagggga	5580
gtttctggaa	gaggaaagcc	atgcgtggaa	catcgaagcc	tcagagagtg	ggagactgtc	5640
cccatcagtt	gtccttactt	agaggagaca	gagaggccaa	tcagggtccc	gagctggagt	5700
gctaacaagc	ccagcatccc	ctggggctgt	gatcatggtg	gatgaggaag	cctcaacgta	5760
gattcctgaa	ctcaaggtac	cagcaagaat	gccttctccc	agtgtgctct	ccccaacatc	5820
ctaggcacag	ctttcataac	ccagtttctt	aggtgtaaga	aactgctttt	atctcattta	5880
ttaagtctca	gaacttaaca	gaaaaggaag	ccttttaaat	attcttttta	attttatttt	5940
agattaacag	ttttgtactt	tacatttttt	tatacaacca	accagtttct	tttctagcca	6000
atcatctctg	aagagttgct	gtttcttact	gacaataaaa	aatgttctct	tggttcgc	6057

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<210> 8412
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1566)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (144)...(920)
<223> similar to gi5262511 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8412						
tggacccta	gtccagtgtg	gcggaattcc	cagaacgtgt	gcagctcagc	cagccacaga	60
actggaattt	ttcaggagca	gggggagcat	ggagtttgga	ctttgctgag	caactgaagt	120
ggagcgcaga	gcttgctcgc	ttaggagaga	gcatcatgga	tggcaaaca	gggggcatgg	180
atgggagcaa	gcccgcgggg	ccaagggact	ttcctggcat	caggcttctt	tcaaaccat	240
tgatgggcga	tgtgtgtct	gattggtctc	ctatgcatga	agctgcaatc	cacggacatc	300
agctgtctct	gaggaacctc	atcagccagg	ggtgggctgt	gaacatcatc	acggcagatc	360
atgtttcccc	actccatgaa	gcctgtcttg	gaggtcatct	ctcttggtgtg	aagattttat	420
taaagcatgg	agctcagggtg	aatggtgtga	cagcagactg	gcacactcca	ctgtttaatg	480
cttgtgtcag	cggcagctgg	gattgtgtga	atttgcttct	gcagcacgga	gccagcggtc	540
aacctagagc	tgatctggca	tcccccatcc	atgaagctgc	taggagaggc	cacgtggagt	600
gtgtcaactc	tcttatagct	tatgggggca	acattgacca	taagatcagc	cacctgggca	660
ctccactcta	tttggttgt	gaaaaccaac	agagagcctg	tgtcaagaag	cttctggagt	720
caggagcgga	cgtgaaccaa	gggaaaggtc	aggattcccc	acttcatgca	gtggccagga	780

cagccagtga	agagctggcc	tgcctgctca	tggatttttg	agcggacacc	caggccaaga	840
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tcttggaag	agaagggccc	ccttctttga	tgcagttatg	ccgccttaga	attcggaagt	960
gttttggaat	ccagcagcat	cataagataa	ccaaactcgt	cctcccagag	gatctgaaac	1020
agtttctcct	acatctttta	atgcatctag	ggaatggatt	cacaaacgat	gtgaaaacat	1080
tattgagtgt	tgtagccact	agaattttta	aatcaagttg	gatttataga	gtttgactag	1140
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tattcaattt	gtatttggtt	aactcaagcc	aggggtggaa	gacactgcat	acgtttgtat	1260
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ttgcatact	actgcattgc	aagcactttt	tgcattcatc	aatttagccc	tcacagccac	1380
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ttctgacatt	aacttatgtg	atgacttgat	cgaggcaggc	ttttccagca	tcactgtcct	1500
ggttccatct	ctgctatatg	gaagaaaaaa	agaaacatag	gcatgggtcaa	tcaaannnna	1560
cgccg						1565

<210> 8413

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(2551)

<223> similar to gi2653402 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8413

ctcggcgcg	gcttggggcg	aggctcggcg	ggcgcgagcg	cgcagcatgg	cggtggagga	60
cgaggggctc	cggttcttcc	agagcgtgaa	gatcaagatc	ggtgaagcca	aaaaccttcc	120
ctcttaccgg	gggcccagca	agatgagggg	ttgtactctg	acggtgaacc	tggaccagga	180
ggaggttttc	aggaccaaaa	ttgtggaaaa	gtcactctgc	ccgtttttac	gagaagactt	240
ttactgtgaa	attcctcgga	gctttcgtca	cctgtccttc	tacatttttc	atagagacgt	300
tttcgggagg	gattccatca	tagggaaggt	ggccatccag	aaggaggact	tgcagaagta	360
ccacaacagg	gacacctggt	tccagctgca	gcacgtggac	gctgactcgg	aagtgcaggg	420
caaagtgcac	ctggagctgc	ggctgagcga	ggtcatcaca	gacactgggg	tcgtctgcca	480
caagctcgcc	acacgcctgc	tcgagtgcga	gggcctcccc	atcgtgaatg	ggcaatgtga	540
cccctacgcc	accgtgacgc	tggcaggacc	cttcagatca	gaagcaaaga	agacgaaagt	600
gaagaggaag	accaacaatc	cccagttcga	tgaagtgttt	tattttgagg	tgaccgggcc	660
ctgtagctac	agcaagaagt	cccactttga	ctttgaggag	gaagacgtgg	acaagctcga	720
aatcagagtt	gacctctgga	atgccagtaa	cctgaagttt	ggagatgaat	tcctgggaga	780
actaaggatc	ccgttgaaag	tcctgcggca	gtccagctcc	tacgaggcgt	ggtacttctc	840
ccagccccgg	gacaatggta	gcaagagcct	aaagccagac	gacctgggct	ccctgcggct	900
gaacgtggta	tacacggaag	accacgtggt	ttcttctgac	tattacagcc	ctctgcggga	960
cctgctgttg	aagtctgcgg	atgtggagcc	cgtgtcagcg	tctgcggccc	acatcctggg	1020
cgaggtttgc	cgggagaagc	aggaggcggc	cgtcccgtcg	gtgcggctct	tcctacacta	1080
tggcagggtg	gtgccattca	tcagtgccat	cgccagcgcg	gaggtgaagc	ggaccagga	1140
ccccaacacc	atcttccgag	gaaactcact	ggcgtccaag	tgcattcgac	agaccatgaa	1200
gctggcgggg	atgctttttt	tgcattgtcac	cctgaagccc	gccatcgagg	agatatgcca	1260
gagccacaaa	ccctgtgaaa	tcgaccctgt	gaagttgaaa	gacggagaaa	accttgaaaa	1320
caacatggag	aacctacggc	agtatgtgga	ccgcgtcttc	cacgccatca	ctgagtcctg	1380

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ggtgagctgc ccgaccgtca tgtgtgacat cttcttctcc ctccgggagg cggcggccaa 1440
gcgcttccag gatgaccccg acgtcaggta cactgcagtg agcagcttca tcttcctgag 1500
gttcttttgcg cccgccattc tctcccccac cctcttccag ctacgcccgc accacacgga 1560
ccccagacg tccaggacgc tgacattgat ctccaagacc gttcagaccc tcggcagcct 1620
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gagaagagac cccaagagtg ttgagcagcc catcgtgctt aaagaagggt tcatgatcaa 1800
gagggcccaa ggacggaagc gctttgggat gaagaatttt aagaagagat ggtttcgttt 1860
gaccaacat gaatttacct accacaaaag caaaggggac cagcctctct acagcattcc 1920
catcgagaac atcctggcag tggagaagct ggaggaggag tctttcaaaa tgaaaaacat 1980
gttccaggtc atccagccag agcgtgcgct gtacatccag gccaacaact gcgtggaggc 2040
caaggactgg atcgacattc tcaccaaagt gagccagtgc aaccagaagc gcctcaccgt 2100
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tggggaccgt gagacggagc gtatctactc cctcttcaac ttgtacatga gcaagctgga 2280
gaagatgcag gaggcctgtg ggagcaaata tgtgtatgac ggcccggagc aggaggagta 2340
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gaaatatgga agccaggagc accccatcgg agacaagagc ttccagaact acatccggca 2520
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cggcaaagtg agatgcacgc cgtcccggcc catagacaag tggcgctggg gtttccctct 2700
cccagaaccg ctgccaccac cgccacgccc tccgcagaaa gccacctgg ccctgtggaa 2760
cgtgtcgtca tttgattctg tgctttttgc tccttgtttg tgggatctg gggatcagct 2820
gaagg 2825

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<210> 8414
<211> 725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (277)...(618)
<223> similar to gi4210351 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8414
ggaaagtcag tgagcaaata gcggaccacc ggggctgcca gctcgctga ctcccgccct 60
cttgcgctcc taggggcgga gaagggtgcg ggctcttcgc cctttgtgtc ctccctcttt 120
cactaacttc tggactttcc agctcttccg aagttcgttc ttgcgcaaag cccaaaggct 180
ggaaaaccgt ccacgatgac cagcatgact cagtctctgc gggagggtgat aaaggccatg 240
accaaggctc gcaattttga gagagttttg ggaaagatta ctcttgtctc tgctgtcctc 300
gggaaagtga tttgtgaaat gaaagtagaa gaagagcata ccaatgcaat aggactctc 360
cacggcggtt tgacagccac gttagtagat aacatatcaa caatggctct gctatgcacg 420
gaaaggggag cacccgaggt cagtgtcgat atgaacataa cgtacatgtc acctgcaaaa 480
ttaggagaag atatagtgat tacagcacat gttctgaagc aaggaaaaac acttgcatth 540
acctctgtgg atctgaccaa caaggccaca ggaaaattaa tagcacaagg aagacacaca 600
aaacacctgg gaaactgaga gaacagcaga atgacctaaa gaaacccaac aatgaatatc 660
aagtatagat ttgactcaaa caattgtaat ttttgaaata aactagcaaa accagaaaaa 720

```

<210> 8415
 <211> 660
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (91)...(661)
 <223> similar to gi4200331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8415
 cggacgcgtg ggcggagctc ggcggtctgc gctcggttgc tagccgtttg ctcccgcctt 60
 cagttgcttt gctgttagcc tggttgacct tcgagcctag ctgctcgcac aggactcggc 120
 cacctgccct tcctgcaccg actggccagc tcaagagggt tggatatgga ccttcttcaa 180
 ttcttgccct tcctctttgt cctgcttttg tctgggatgg gagccacagg caccttgagg 240
 acctccctgg acccaagcct ggagatctac aagaagatgt ttgaggtgaa gcggcgggag 300
 cagctggttg cactgaagaa cctggcacag ctgaacgaca tccaccagca gtacaagatc 360
 cttgatgtca tgctcaaggg gctctttaag gtgctggagg actcccggac agtgctcacc 420
 gctgctgatg tgctcccaga tgggcccttc ccccaggacg agaagctgaa ggatgctttc 480
 tcccacgtgg tggagaacac ggcctttcttc ggcgatgtgg tgctgcgctt cccgaggatt 540
 gtgcactatt actttgacca caactccaac tggaacctcc tcatccgctg gggatatcagt 600
 ttctgcaacc agacaggcgt cttcaaccag gggccccact cgcccatcct cagcctgatg 660

<210> 8416
 <211> 2846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2847)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1929)...(1054)
 <223> similar to gi2317725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8416

tttttttttt	ttcattcacc	agccagtttt	atttactcac	aagaacaaat	ccaaagccca	60
gtgcagcagc	tctgagctca	ggcctgccgt	gccccgtttt	gtgggcctgt	acttgaaaca	120
ctgaacgtga	tgtgtccttc	actcaccgc	agcactttaa	tccccacaac	agccctgtga	180
ggtaggaatc	accaccattc	ccccgcactc	atattacaga	tggggaaacc	gagacacaca	240
ttcaacaaag	cgcgcacac	atggggagtt	cagggttagc	ctggagtagc	aacacacggt	300
ctccccatgg	cccagtcagc	ggccccacctg	gcctcttccc	ctccctttag	taaccccatc	360
agcagcagca	taaaaatcta	acccttcatt	ttgctgaaag	cccctgcaga	tgacagtttc	420
cttcctatca	tgtctgcaga	gctccaaggc	tgggggcgat	gttgaggccg	aagccagcca	480
cagtggcctca	gctgtgcctt	tcctggagag	cgggtggccg	ccccagcac	atccctggca	540
cacgggcttg	cataacagac	tcctgtaccg	ccatctctag	cacaagacca	tggccacatc	600
tccccaacca	ctcagcccg	acagcgtgca	aaggtgggga	gttcacttta	atggcattcc	660
tccaacgact	tattgtaaaa	gaaacaaggc	atctcgtcct	gggtcgcaac	acccagcagc	720
atccgtttag	accaccaagg	gtaggctgcg	ccgggtgcac	agggatcccc	ctgcggctcg	780
gcgaaagccg	gagtcctggg	atccagagca	gccccgggag	ccctggagtc	tggaaaggac	840
acagcagtgg	gggcggcggc	ggcaactcca	gctctgagcc	cgttggcacc	ccgcacggtg	900
gccccagcca	gctggaggca	ggctcaggag	cggctcctgt	ccttgtggtt	ccccacgac	960
atcttgctgt	acagcttctg	ctgctcctcc	ttgaacgtgt	ccttcacctt	ctccctcttc	1020
aggcccccat	cccacagcag	gtccacaagt	cctccctgcc	tggcaatggc	agatttcacc	1080
ctattcgcaa	actggacagc	atcttcatct	gcctctctag	tcatgggagg	caggtaccac	1140
acgctgcaga	caatggccca	gctggtcatc	attcgacgca	ggtacgtcac	catcccgtat	1200
ttgctgctgt	tccagaaggc	atcgccaaat	tgagggtcat	acttgatagc	aacagggtaa	1260
actgtggctc	caatttcaaa	acttcccttt	ttgaacatca	taccgatgtg	attattgatg	1320
caggttcctt	ctgggaagat	gaggataggc	agcttgcttt	tatcttgcac	atgttcagtc	1380
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caggccttca	ccatggctct	ctgaatcaca	cccatgagtc	ccccgtgcac	ttgaccacc	1500
atggcataat	agccatcgct	ggccaagatg	atcacatcga	tcgggtgagg	atgattggcc	1560
acacagatgc	caccatttct	tgggtctggtt	tcctgtctat	ggtagggtgat	gatggctgtc	1620
agcgtcgca	cgcagatccg	gtaacacatt	aagtgaacat	gtttactcat	gaactcctta	1680
aacctcccat	ttggcaagta	tcccaccaca	gttgtgccca	ccaccagaag	gctaatacct	1740
gtgaaagcca	gtgctatcct	gagcggcagc	agaaagcagt	accgaatcag	cactcctaac	1800
ccccacagga	ccgtgagccg	aaggctgatg	tactggaagt	tataattggg	tctgctcagc	1860
aggttccagg	actccagttc	ttctgctgag	aatctctttg	tcacctcate	atccataatg	1920
gtctccattc	ctttccggca	aaagtagaaa	atgtcagaga	gctcgaactc	tggagtgttg	1980
tccagagcct	tactactacc	acttcgacga	atctctttga	tctcttcttc	tagtgaagtg	2040
ggatcctttg	caatgattcc	gttggtgtag	ggcttgtaaa	gctggtgggt	cttctccttg	2100
gctcctcgct	ccatttctca	ggtagcccac	gcaaagattt	ttaacagact	tttcatgtag	2160
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agcaacagga	acatggtgga	agatccaggc	caggccagca	cctgcctcca	taagaacaaa	2340
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aagaacagca	aaccccattc	caaagtccac	acccttcaac	cgctgaata	gaaggcctgg	2460
gaacagaatg	acagaaaaac	acggccacag	gaggcaactg	caaacgccag	gtctctccag	2520
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cagatggagt	ttctgtgcaa	gtgagcagtg	aggacggggg	ctctgctctg	ctgtcctgat	2640
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cccccagatc	tgtccccccc	aaaagcacga	aaaagagtta	aacttggtgc	cagaaaaatc	2760
ctgatagctc	ctgtggaggg	gaactccccg	agcgcccgcc	tggntntnnc	cgggnntttg	2820
cgagttttcg	gaagctcaat	nccgcc				2846

<210> 8417

<211> 932

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (84)...(608)
 <223> similar to gi4455129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8417
 tctccggacc ggacttcccg ggtcgacgat ttcgtggtac ctagtgtctg agcggcacag 60
 acgagatctc gatcgaaggc gagatggcgg acgtgctaga tcttcacgag gctgggggcg 120
 aagatttcgc catggatgag gatggggacg agagcattca caaactgaaa gaaaaagcga 180
 agaaacggaa gggtcgcggc tttggctccg aagaggggtc ccgagcgcgg atgcgtgagg 240
 attatgacag cgtggagcag gatggcgatg aaccgcggacc acaacgctct gttgaaggct 300
 ggattctctt tgtaactgga gtccatgagg aagccaccga agaagacata cacgacaaat 360
 tcgcagaata tggggaaatt aaaaacattc atctcaacct cgacaggcga acaggatatc 420
 tgaaggggta tactctagtt gaatatgaaa catacaagga agcccaggct gctatggagg 480
 gactcaatgg ccaggatttg atgggacagc ccatcagcgt tgactggtgt tttgttcggg 540
 gtccaccaaa aggcaagagg agaggtggcc gaagacgcag cagaagtcca gaccggagac 600
 gtgcgtgaca ggtcctctgt tgtccagggt ttctcttcaa gattccattt gaccatgcag 660
 ccttgacaa ataggactgg ggtggaactt gctgtgttta tatttaattct cttaccgtat 720
 atgcgtagta tttgagttgc gaataaatgt aaacacagca agttccaccc cagtccctctg 780
 ttgtccagggt gttctcttca agattccatt tgaccatgca gccttgagca aataggactg 840
 ggggtggaact tgctgtgttt atatttaatc tcttaccgta tatgcgtagt atttgagttg 900
 cgaataaatg ttccattttt gttttctaaa ca 932

<210> 8418
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (95)...(380)
 <223> similar to gi2298391 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8418
 ggacttcccg ggtcgacgat ttcgtctcgt ctggctgctc gtgctccggc tgccctggcg 60
 ggtgcggggc cagctggacc ccaccactgg cggcggttc tcggagcaca aactctgcgc 120
 ggacgacgaa tgcagcatgt taatgtaccg cggggagggt cttgaagatt tcacaggccc 180
 ggattgtcgt tttgtgaatt ttaaaaaagg ggatcctgta tatgtttact ataaactggc 240
 acgaggatgg cctgaagttt gggctggaag tgttggacgc acttttggat attttccaaa 300
 agatttaatc caggtagttc atgaatatac caaagaagag ctacaagtcc caacaaatga 360
 gacggatttt gtttgttttg atggaggaag agatgatttt cataattata atgtaga 417

<210> 8419
 <211> 1007
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (48)...(686)
 <223> similar to gi510509 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8419
 tcacttccac ggctcagcgt cagggaggag agagaatgtc ttttcgaggc ggaggtcgtg 60
 gaggtcttaa tcgaggtggt ggaggtggcg gcttcaaccg aggcggcagc agcaaccact 120
 tccgaggtgg aggcggcggg ggagggcgcg gcaatttcag aggcggcggc aggggaggat 180
 ttggacgagg gggtggccgc ggaggcttta acaaaggcca agaccaagga cctccagaac 240
 gtgtagtctt attaggagag ttcttgcata cctgtgaaga tgacatagtt tgtaaagtga 300
 ccacagatga aaataagggt ccttatttca atgtctcctg ttacttagaa aacaaagaac 360
 aaattggaaa agtggatgaa atatttggac aactcagaga tttttatttt tcagttaagt 420
 tgtcagaaaa catgaaggct tcctccttta aaaaactaca gaagttttat atagacccat 480
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 gtcttgaaga tcttggtcat tttatgacaa tggatctaaa atgtcagcat catgcaaagt 840
 gcaacggaat agtgaatttt gctctaaaag agcatgaaca agtctttcta atgttttgta 900
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 ttgaattttt aaaataaagt gttttattcc ctttaagttaa aaaaaaa 1007

<210> 8420
 <211> 1404
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1318)...(142)
 <223> similar to gi3777604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgcgtgctc 120
 ctggccgcgc gccacccctc agtgccctat ccgcaccacc atcacagtga cgttgctcggc 180

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cgagccccgc tgcaccgcct tgttggccag cctgttgcag gctgcttcgt agcggggcgtc 240
ggctgcggaac ttcccttccc gggctctggat cttttcatcc tcgagacagg acaagatgaa 300
gttcacggct tcttctgggg taaagacctt gaagagccca tcacaggcca acaaaatgaa 360
cctgtcattg ggggtcagct ggcagcgtct gatgtcgggc acagagggtga caccgcagcg 420
cttgactgc ccgtcccaa tggagcgtga cacctctagc acgccccaaa cagccccatc 480
cctgacgttt cctccagcct tctgtatcct catccgctct tcatactgag ttggattatg 540
ctctttgctg aggccttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat 600
tgcccgacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt 660
ggcagtggaac ccattcttcc aggcaggctt ctggctggaa gcttgtttaa ggaactcttc 720
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cccggcagcc gggcgcgggc agcgctcggg ctccggcagg tccccgaaga ggtccatggc 1320
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ccacgaaatc gtcgacccgg gaat 1404

```

```

<210> 8421
<211> 2211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(2197)
<223> similar to gi500734 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cccgaattg acggacaagt cttcgactac gtgaccggcg tcttgcacag cggcagcgcg 180
gacttcgagt ctgtggatga cctggtggaa gctgtagggg aactattgca agagggtgtcc 240
ggggacagca aggatgacgc gggcatcagg gccgtgtgcc agcgcatgta caacactctg 300
cgtctggctg agccacaaag ccagggaaat agccagggtc tactggacgc ccctatccag 360
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gaggcatcag ccagccaggc aggcagcaga aaggagagtc gggtggaatc atctggcaag 600
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gccaaactgg	aggagattga	ggctgacaag	gcacctgcc	gggcatcagt	cattctcgt	1020
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<210> 8422

<211> 5961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(2666)

<223> similar to gi5911943 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8422

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tggccagagc	tcctggacca	atgcatcttc	ccaccacctt	aaaccactga	gcagttcaga	180
gccccagttg	cagacgactt	gtcctgccac	caccatgagt	tctgaatgtg	atggtgggtc	240
caaagctgtg	atgaatggct	tggcacctgg	cagcaatggg	caagacaaaag	acatggatcc	300
tacaaaaatc	tgcactggga	agggagcggt	gactctccgg	gcctcgtctt	cctacaggga	360
aacccaagc	agtagccctg	cgagccctca	ggaaaccggg	caacacgaaa	gcaaaccagg	420
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<210> 8423
<211> 1583
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (207)...(1196)
<223> similar to gil397319 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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tgaaatggca	ttctaattgt	tgttttttat	tgcggacaggc	cacatgatgc	atagagcctc	1500
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<210> 8424

<211> 2799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (125)...(1253)

<223> similar to gi4007163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8424

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cgccccctggg	gactgagcgc	tgcggtcctg	gctatgggag	gaggcaactt	tcaggggttca	120
cagcatgtcc	gcctcggccc	ctgctgcgga	gggggaggga	acccccaccc	agcccgcgtc	180
cgagaaagaa	cccgaatgc	ccggtccag	agaggagagc	gaggaggaag	aggacgagga	240
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aaagaaaaaa	gtagagaggt	tgacaatgca	agtctcttcc	ttacagagag	agccatttac	360
aattgcacaa	ggaaaggggc	agaaactttg	tgaaattgag	aggatacatt	tttttctaag	420
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tgtgtcctca	ttaaagaaga	atgtgggtca	gttcagtggc	tttccatttg	aaaaagggaag	540
tgtccaatat	aaaaagaagg	aagaaatggt	gaaaaaat	agaaatgcc	tgtaaagag	600
catctgtgag	gttcttgatt	tggagagatc	aggtgtaaat	agtgaactag	tgaagaggat	660
cttgaatttc	ttaatgcata	caaagccttc	tggcaaacca	ttgccgaaat	ctaaaaaac	720
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aaccaaattgt	cctgaaattc	tgtcagatga	atctagtagt	gatgaagatg	aaaagaaaaa	840
caaggaagag	tcttcagatg	atgaagataa	agaaagtga	gaggagccac	caaaaaagac	900
agccaaaaga	gaaaaacct	aacagaaagc	tacttctaaa	agtaaaaaat	ctgtgaaaag	960
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tcacaggttt	gtttcttgat	agttactcag	acactaggga	aaggtaaata	caagtgaaca	2700
aaataagcaa	ctaaatgaga	cctaataatt	ggccttcgat	tttaaataat	tgttcttata	2760
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```
<210> 8425
<211> 4210
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (43)...(743)
<223> similar to gi577291 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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ccgcctgggt	cctgcgcggc	cgaaggtctg	cccgggacgc	ccgacgagtc	tacccacct		240
ccccggaaga	agaagaagga	tattcgcgat	tacaatgatg	cagacatggc	gcgtcttctg		300
gagcaatggg	agaaagatga	tgacattgaa	gaaggagatc	ttccagagca	caagagacct		360
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acgaaaaaag	ggaagactct	catgatgttt	gtcactgtat	caggaagccc	tactgagaag		480
gagacagagg	aaattacgag	cctctggcag	ggcagccttt	tcaatgccaa	ctatgacgtc		540
cagaggttca	ttgtgggatc	agaccgtgct	atcttcatgc	ttcgcgatgg	gagctacgcc		600
tgggagatca	aggacttttt	ggtcgggtcaa	gacaggtgtg	ctgatgtaac	tctggagggc		

caggtgtacc	ccggcaaagg	aggaggaagc	aaagagaaaa	ataaaacaaa	gcaagacaag	660
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ttcactgcag	agtccttctg	gatggacact	tgagtgttca	gattttttgc	tggtatatct	3180
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tttgactatc						4210

```

<210> 8426
<211> 1319
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (49)...(822)
<223> similar to gi2632306 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8426						
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aagaaggcca	atggttggtg	ccttggtgca	gttgccgaac	attcaggaga	atttgaagaa	180
attatgcaac	tttcagaaaag	gtataatggg	tttgtcctgc	catgcttggg	tgttcatcca	240
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aagattgtaa	ttgtagagaa	atatttctct	tagaaataaa	actgggcttg	gacccgaaa	1020
ccctgggttc	tgattctagc	cttggtgctg	ttttcaatta	gccgagttct	ggcaggatat	1080
tgggaaaata	ctgctacttc	ttacattgcc	cttttatata	gaaccaccac	ctgaactgaa	1140
accattgcta	ctgggaaggg	tggctccac	aggaagagta	taagcactac	tgtgatgagg	1200
atggagtaag	ctaaagtata	cttttttttt	ttttggaggg	atttcccttg	ttgtgcccac	1260
ggttgaaggg	catgggcccc	atttgggtta	atggaaccct	caatttccag	ggttttagg	1319

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<210> 8427
<211> 841
<212> DNA
<213> Homo sapiens

<220>

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<221> misc_feature
 <222> (685)...(465)
 <223> similar to gi2407909 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8427
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 cactcttaaa acactttgta tgaaatatag ctaggaaatat acataaagaa ttcagattac 180
 aaaactctcc aggaaatcga tagtgatcat ataatactgg aactacagtt aaaaacaaaa 240
 caaaccaatc tttgaggatt cctaactgta gtttacttga cagtgcagat catctgtacc 300
 aactttctat agcaagtgt aataggcaat tgtaagcaaa cagtatcaat ctgtgtaact 360
 tgtaaaaatt catctgaagt tgtttgagagc tgtatgacaa tggatgttat tcttcgggtt 420
 ctcccagcag ctctacaaaa tcagtgatat accatttggc gttatccttg acttggtgcc 480
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 ctgcagctgg cgctggccat tgagaagctt ctgcgctacc ttgcgatcgt gcccgccact 720
 tcccgcagga cgggaagtcg taaagctcct cctggtagct tataggcggc ggcgggccagg 780
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 t 841

<210> 8428
 <211> 2137
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(1313)
 <223> similar to gill199524 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8428
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 cccacccggg cccggagtct gcgcttcggt accttgctgt accgccatgg agaccgttca 180
 ccagtgaaga catatcccaa ggacccttat caggaagaag aatggcccca ggggtttggt 240
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 tatcacggct tcctaaacac ctcttatcac cggcaagagg tttatgtgcg aagcacagac 360
 tttgaccgga ctctcatgag tgctgaggcc aacctggctg gactcttccc tcccaacggg 420
 atgcagcgct tcaacccgaa catctcgtgg cagcctattc ctgtgcacac tgtgcccac 480
 actgaggaca ggctgctgaa gttcccgttg ggcccatgtc cccgttatga gcagctgcag 540
 aacgagaccc ggcagacacc agagtatcag aatgagagtt ctcggaatgc acaatttctg 600
 gacatggtgg ccaacgagac agggcttaca gacctgacac tggagaccgt ctggaatgtc 660
 tatgacacac tcttctgtga gcaaacgcac gggtgcgccc tgccgccctg ggcctcacc 720
 caaaccatgc agcgtctcag ccggctaaag gacttcagct tccgcttcct cttcggaatc 780

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ctggaaaaga	aagttctaga	ctgtggccca	gaatagggct	ggggcagctc	ccagagaatg	2100
aatagtgtctg	tttcctattg	gactgataaa	aaaaaaa			2137

<210> 8429

<211> 2366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (153)...(1475)

<223> similar to gi2429516 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8429

tttcgtgagc	actcggggcg	cggcgtcctg	gagacccgcg	agagatggaa	gcggcggcga	60
cgccggcggc	tgccggggcg	gcgaggcgcg	aggagctaga	tatggatgta	atgaggccct	120
tgataaatga	gcagaatttt	gatgggacat	cagatgaaga	acatgagcaa	gagcttctgc	180
ctgttcagaa	gcattaccaa	cttgatgac	aagagggcat	ttcatttgta	caaactctta	240
tgcaccttct	taaaggaaat	attggaactg	gccttttagg	acttccattg	gcaataaaaa	300
atgcaggcat	agtgttgga	ccaatcagcc	ttgtgtttat	aggaattatt	tctgttcact	360
gtatgcacat	attggtacgt	tgcaagtcact	ttctatgtct	gaggtttaaa	aagtcaacat	420
taggttatag	tgacactgtg	agctttgcta	tggaagttag	tccttggagt	tgtcttcaga	480
agcaagcagc	atggggggcg	agtgtggttg	acttttttct	ggtgataaca	cagctgggat	540
tctgtagtgt	ttatattgtc	ttcttagctg	aaaatgtgaa	acaagttcat	gaaggattcc	600
tggagagtaa	agtgtttatt	tcaaatagta	ccaattcatc	aaacccttgt	gagagaagaa	660
gtgttgacct	aaggatatat	atgctttgct	ttcttccatt	tataattctt	ttggtcttca	720
ttcgtgaact	aaagaatcta	ttgtactttt	cattccttgc	caacgtttcc	atggctgtca	780
gtcttgtgat	aatttaccag	tatgttgtca	ggaacatgcc	agatccccac	aaccttccaa	840

tagtggctgg	ttggaagaaa	taccaactct	tttttggtag	tgctgtattt	gcttttgaag	900
gcataggagt	ggtccttcca	ctggaaaacc	aaatgaaaga	atcaaaagcgt	ttccctcaag	960
cgttgaatat	tggcatgggg	attgttacaa	ctttgtatgt	aacattagct	acttttaggat	1020
atatgtgttt	ccatgatgaa	atcaaaaggca	gcataacttt	aaatcttccc	caagatgtat	1080
ggttatatca	atcagtgaaa	attctatatt	cctttggcat	ttttgtgaca	tattcaattc	1140
agttctatgt	tccagcagag	atcattatcc	ctgggacac	atccaaattt	catactaaat	1200
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caattcttat	tctcgttta	gacattgtga	tttccttcgt	tggagctgtg	agcagcagca	1320
cattggccct	aatcctgcca	cctttggttg	aaattcttac	attttctgaag	gaacattata	1380
atatatggat	ggtcctgaaa	aatatttcta	tagcattcac	tggagttggt	ggcttcttat	1440
taggtacata	tataactgtt	gaagaaatta	tttatcctac	tcccaaagtt	gtagctggca	1500
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aaaagcagaa	tcatgagtct	tctatttttg	tccatttctt	gaaaattatc	aagtaacta	1620
gtaaaataca	ttgctatata	cataaaaatg	gtaacaaact	ctgttttctt	tggcacgata	1680
ttaatathtt	ggaagtaatc	ataactcttt	accagtagtg	gtaaacctat	gaaaaatcct	1740
tgcttttaag	tgttagcaat	agttcaaaaa	attaagttct	gaaaattgaa	aaaattaaaa	1800
tgtaaaaaaa	ttaaagaata	aaaatacttc	tattattctt	ttatctcagt	aagaaatacc	1860
ttaaccaaga	tatctctctt	ttatgctact	cttttgccac	tcacttgaga	acagaatagg	1920
atttcaacaa	taagagaata	aaataagaac	atgtataaca	aaaagctctc	tccagatcat	1980
ccctgtgaat	gccaaaagtaa	actttatgta	cagtgtaaaa	aaaaaaaaatc	tcagttatgt	2040
ttttattagc	caaattctaa	tgattggctc	ctggaagtat	agaaaactcc	cattaacata	2100
atataagcat	cagaaaattg	caaacactag	gaattaattt	tacactctaa	atggtagttg	2160
atcttcacat	tcaagaggca	ctgttcaaga	tcatgactta	gtgtttcaat	gaaatttgaa	2220
aagggaactt	aaaacttatc	cagtgcacat	cccttgtttt	tcgtcagagg	aaaaggaggc	2280
ctagaaaagg	taagtaactt	ggtcgagacc	actcagcctt	gagatcaaga	aaacctaata	2340
tttctgactc	ccaggccagg	gatgtt				2366

```
<210> 8430
<211> 1915
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (317)...(861)
<223> similar to gi3900855 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

ggttctatcc cgcattccagg aaaaccggaa gcgtgtgatc ctccccctcca ttgacaacat 720
caaacaggac aacttttgagg tgcagcggta cgagaactcg gccacagggt acagctggga 780
gctgtggtgc atgtacatca gcccccaaaa agactgggtg gacgccggag acccttctct 840
ccccatcagg accccagcca tgataggctg ctcgttcgtg gtcaacagga agttcttcgg 900
tgaaattggt cttctggatc ctggcatgga tgtatacggg ggagaaaata ttgaactggg 960
aatcaaggta tggctctgtg ggggcagcat ggaggtcctt ccttgctcac ggggtggcca 1020
cattgagcgg aagaagaagc catataatag caacattggc ttctacacca agaggaatgc 1080
tcttcgcgtt gctgaggctt ggatggacga ttacaagtct catgtgtaca tagcgtggaa 1140
cctgccgctg gagaatccgg gaattgacat cgggtgatgtc tccgaaagaa gagcattaag 1200
gaaaagttaa aagtgttaaga atttccagtg gtacctggac catgtttacc cagaaatgag 1260
aagatacaat aataccggtt cttacgggga gcttcgcaac aacaaggcaa aagacgtctg 1320
cttggaccag gggccgctgg agaaccacac agcaatattg tatccgtgcc atggctgggg 1380
accacagctt gcccgctaca ccaaggaagg cttcctgcac ttgggtgcc tggggaccac 1440
cacactctc cctgacaccc gctgcctggt ggacaactcc aagagtcggc tgccccagct 1500
cctggactgc gacaaggta agagcagcct gtacaagcgc tggaaactca tccagaatgg 1560
agccatcatg aacaaggga cgggacgctg cctggagggtg gagaaccggg gcctggctgg 1620
catcgacctc atcctccgca gctgcacagg tcagagggtg accattaaga actccatcaa 1680
gtagagggag ggagctgggg cactggagcc tggccccag gacatggctg ctcccccaa 1740
catctggacc agctgcctg gcggagagac agcaaggggc cggcagggtg tcgatggggc 1800
ccccagggt tctccagggc agcacaggga ccccgatga agactctgtc cccctcagg 1860
cattcagctg cccacaagtt tcttgcaccc tggaaaagcc cccccacact gtatt 1915

```

```

<210> 8431
<211> 1816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (398)...(987)
<223> similar to gi4416432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8431
ggggccgctc tggccccgtg tccagtgcc aagcaggcttc agggcaccgt cctcgccct 60
ggggcaggga accgccgggc cgggtcctcg cgcggggaag cggttccgaa ggctcgggg 120
gagcggctag ccctgagtc ctgcatgtgc ggggctgaag aaggaagcca gaagcctcct 180
agcctcgctt ccacgcttgc tgaataccaa gctgcaggcg agctgccggg cgcttttctc 240
tcttccaatt cagagtagac aaaccacggg gatttctttc cagggtaggg gaggggccgg 300
gccccgggtc ccaactcgca ctcaagtctt cgtgccatg ggggccgtca tgggcacctt 360
ctcatctctg caaaccaaac aaaggcgacc ctcgaaagat aagattgaag atgagctgga 420
gatgaccatg gtttgccatc ggcccaggag actggagcag ctcgaggccc agaccaactt 480
caccaagagg gagctgcagg tcttttatcg aggttcaaaa aatgagtgcc ccagtgggtg 540
ggtcaacgaa gacacattca agcagatcta tgctcagttt ttccctcatg gagatgccag 600
cacgtatgcc cattacctct tcaatgcctt cgacaccact cagacagggt cagtgaagtt 660
cgaggacttt gtaaccgctc tgtcgatttt attgagagga actgtccacg agaaactaag 720
gtggacattt aatttgatg acatcaacaa ggacgggatac ataaaccaag aggagatgat 780
ggacattgtc aaagccatct atgacatgat ggggaaatac acatatcctg tgctcaaaga 840
ggacactcca aggcagcatg tggacgtctt cttccagaaa atggacaaaa ataaagatgg 900
catcgtaact ttagatgaat ttcttgaatc atgtcaggag gacgacaaca tcatgaggtc 960

```


<210> 8433
 <211> 1418
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (280)...(444)
 <223> similar to gi53608 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8433
 tttcgtcttc gctgtcggcg atttcgtgtc gcagggggtc gcctggcccg agctgggctc 60
 cgagaatccc ggggtgccagc accagagcag cggtctcccg cactaactct cctctcctgg 120
 tcagctgtaa cccctgccgc agagcccggc aactttcagc tgcgcgccgc ggagccccga 180
 gggccactcg cctcacctgt gcgtgcagcg cctcgcgcgc cctgtccggc tgcggagatg 240
 agcgagctta ataccaaaac atccccagca accaaccagg cagctggcca agaggaaaaa 300
 ggaaaagctg gcaatgtcaa gaaggcggag gaggaggagg agattgacat tgatctgaca 360
 gcaccagaaa cagagaaggc tgcccttgct attcagggca agttccggcg atttcagaaa 420
 aggaaaaagg atcccagctc ctgaatggcc aggcttgccc ttcaccttca ccttcatgct 480
 gggcccttct ctccccttct ccacacccat gtatctttat cccttggtccc tctagccttt 540
 ccttgaggca aggtcaacct ttatatactc ttgtatctgg cccctcaag ccatcacaga 600
 agtagaggca caagagaggt ggagaagatg aagacttcaa tcagcagtca ctagtctaag 660
 ggtggaacaa tttcttcttg gtataagggt ctttgatcag tagctatgcc tgccctgtag 720
 ggctaaacaa gaggcttcga ggctgagaga tctcccaaaa gaacaatgtg ggaaggaggg 780
 gaaggccttc agagtagggt gcctgagggg gggacatatg cactgttctg ctagttagcg 840
 cattcacact ttaggtaaca ttttttttcc ccttcagatc cttctgcacc aactccaact 900
 tcccctccca ggatctaagc cacagtgggg actggagcct cgttttcccc ctaggcagac 960
 ctaaatacag cagcttacca caatagtgc tgctgagtag attagttcca aggaaggagg 1020
 actggaatgc tgggtgtcaag gaaaagcctc cctcatcatc tagtctaaga ccataacggg 1080
 cagaagcata agaggttcca gggcatagg agaatgagaa gtagggcaca tatagggagg 1140
 aaagaaaagt gaagaagggg gaaatctctg aattttttta ctgctgggaa aagtgtacta 1200
 catgaaggat gcttggggct ttgctaacct gctccccgct aaccctccaa gtttaaccat 1260
 cccagaggc cacacaaacc aagtgactcc tgtagttccc atttgcccca ctatggagtc 1320
 agggcaaaaag tggaaaagcc cctccatgtg atttttagcat gtttaatcat ttaacaata 1380
 aaccccccca caaatggggg catttaacct ctaaaaaa 1418

<210> 8434
 <211> 1073
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (352)...(882)
 <223> similar to gi5823146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8434
tttcgtgtgg aaaccgctag gccagcgctc gccgggacct ggaatccctg ttcgccgagg 60
tgggagccgg tggaccggtc cccagccgg cccccacctc cgcttcccgg tgtttgaggg 120
ttcgggcctc ccgcccggga gttcacccct cgggctcgtc agtagggctg tggctgtcgc 180
ctcttcctgc agcgccaggc tccgcccgt ctcacagtcg gcttaggggc tttgcgtgca 240
ctgcggttg gtggaaaaac ccactcctgg ttgttttagac gttggcctgc agacgatgtc 300
atttctgtat tcttctaagg caggaagtca ttatgcaact tacacatatt catcagattt 360
cctctgactt acccgacat gtacatggga atgatgtgca ctgccaagaa atgtgggatt 420
aggtttcagc ctccagctat tatcttaatc tatgagagt aaatcaagg gaaaattcgc 480
cagcgcatta tgccagttcg aaacttttca aagttttcag attgcaccag agctgctgaa 540
caattaaaga ataatccgag acacaagagt tacctagaac aagtatccct gaggcagcta 600
gagaagctat tcagtttttt acgaggttac ttgtcggggc agagtctggc agaaacaatg 660
gaacaaattc aacgggaaac aaccattgat cctgaggaag acctgaacaa actagatgac 720
aaggagcttg ccaaaagaaa gagcatcatg gatgaacttt ttgagaaaaa tcagaagaag 780
aaggatgatc caaattttgt ttatgacatt gaggttgaat ttccacagga cgatcaactg 840
cagtcctgtg gctgggacac agagtcagct gatgagttct gataccaaac actcaaaaca 900
tgcattgggc tagcagaata tccatgttta ttaccagact ggttctggaa gaagctgtaa 960
agaatactaa atatgttggg ttatagggga ttgaccatgt tacttttcaa aaccagcact 1020
ttgggaggct taggcgggtg gatcacctaa gggcaggagt tcgagcccag cct 1073

<210> 8435

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (127)...(1340)

<223> similar to gi4580013 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8435
tttcgtggtg ggggcagcgg gcgcggggcg ggccggggga ccgcgccagc ctgtcactaa 60
tgtctccctt tgtgtctccc ccatctcatc cttttccccc gcgcgccggg cccgccgacc 120
ccacaggaag gcctggacga cggcccggac ttcctctcag aagaggaccg cggacttaaa 180
gcaataaatg tagatcttca aagtgatgct gctctgcagg tggacatttc tgatgctctt 240
agtgagcggg ataaagtaaa attcactgtt cacacaaaga gttcattgcc aaattttaaa 300
caaaacgagt tttcagttgt tcggcaacat gaggaattta tctggcttca tgattccttt 360
gttgaaaaatg aagactatgc aggttatatc attccaccag caccaccaag acctgatttt 420
gatgcttcaa gggaaaaact acagaagctt ggtgaaggag aagggatcaat gacgaaggaa 480
gaattcaca agatgaaaca ggaactggaa gctgaatatt tggcaatatt caagaagaca 540
gttgcatgac atgaagtgtt cctgtgtcgt gtggcagcac atcctatttt gagaagagat 600
ttaaatttcc atgtcttctt ggaatataat caagatttga gtgtgcgagg aaaaaataaa 660
aaagagaaac ttgaagactt ctttaaaaac atggttaa atcagcagatgg agtaatcggt 720
tcaggagtaa aggatgtaga tgatttcttt gagcacgaac gaacatttct tttggaatat 780

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gctgcagatg	attacaatag	aattggttct	tcattatatg	ctttaggaac	tcaggattct	900
acagatatat	gcaagttttt	tctcaaagtt	tcagaactgt	tcgataaaac	aagaaaaata	960
gaagcacgag	tgtctgctga	tgaagacctc	aaactttctg	atctttttaa	atattactta	1020
agagaatctc	aagctgctaa	ggatctcctg	tatcgaaagg	ctaggtcact	agtggattat	1080
gaaaatgcta	ataaagcact	ggataaagca	agagcaaaaa	ataaagatgt	tctacaggcc	1140
gaaacttccc	aacaattatg	ttgtcagaaa	tttgaaaaaa	tatctgagtc	tgcaaaacaa	1200
gaacttatag	attttaagac	aagaagagtt	gctgcattca	gaaaaaattt	agtggaactg	1260
gcagagttag	aactgaagca	tgcaaagggg	aatctacagt	tgctgcagaa	ctgcctggca	1320
gtgttaaagt	gagacacata	agccacactc	cgccttcctg	ttaaaaaggg	ctgccttcct	1380
tcaaatttta	tttttgtttt	cttaatgatg	ttaagcattt	atgctcactg	gaaacaaaca	1440
aaaagcagct	gaaaaagtgc	atcaactcct	ctttttctga	gaaacatgga	gcagcgcacg	1500
cccaggcgat	gccagtctgt	gtgccgtgat	gccgcactgt	gttccccatg	acagtgggtcc	1560
atcatcgtgc	actcgtcata	ctcagaagtc	caaagttcat	tcttctttaa	agtagcctct	1620
ataactctgt	ttattttata	aatagtattc	cttatggctg	ccactcttat	ttacctttaa	1680
ataattttctg	aaatttaacc	ttttcagaat	gcattgttga	aacaagataa	agattgcctt	1740
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ctggtaaagc	atcttaatca	gacttatttt	tataactga	atatttctta	gacgttttgg	1860
gacagatttt	atgtaatctt	tataagtatg	atcttctgaag	aaaagcaa	gcattagtat	1920
gtttgcctta	aacttgtaga	ctaaaccaag	tattgtaaaa	taaacagcga	taacagtgat	1980
agtttttaac	tctatggtca	ttgtatcact	ctggaaaatg	tgtagtagct	gtaataaatc	2040
tactcctgta	ttatgcttta	cagtgcaggt	cttagttttt	cttttttctc	atttcttttg	2100
aaatggcatc	tcgaacaaag	tccaccaatc	cctttacaaa	agaatgaact	gctcctctgt	2160
gtgtacttca	tagaagggtg	aatcggacag	aggcagggtta	gtgacagtta	ttcctgaaat	2220
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agcatgagac	ataggccatt	gagccactta	gtagttagtc	gagtggatag	attggtatgt	2340
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gaatacttga	gatgaaagt	ggcatacaaa	taggatacta	tcgccagtag	ttatattaca	2460
aacattatcg	gcctttctag	tgtgaatgaa	cattagacac	attattgtca	ttcctagttt	2520
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gagaccgtag	gcatttgggc	ctgtcacccc	ttggatgggt	tcctagtttg	tttacatttt	2640
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cctcagccgc	atgttgtctt	gcctcattca	tgagctggtc	agcgtttcgt	ctctttaact	2760
gacatgttcc	ccagtgtctg	ttgaactgtt	gagtttccgt	tgctggctga	gtgcgttttg	2820
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gctggaccga	gagccctagc	ttctggatcc	aggtctaggc	ccttcatctg	ctgctctgtg	2940
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tacctcacag	gggtgtttg	aggattaata	aatgtttgga	ctctgctttg	gaaatgtgaa	3060
aatgctgtgt	aaatgttaag	aaataactaag	tatagggccca	gaagctatac	agtgtttcac	3120
ttaaccgttt	gccattctgt	atttaccaag	gtggtctttt	ctgggggaag	gaagtagagt	3180
ggaaggtgca	tcccttggcc	cctggtttac	attattaggg	tgettattgt	aggaatgcac	3240
tctaaaaagt	gggcgtagaa	tgaaagcagc	cgtccagtgg	tcctcccttt	tctgtagttt	3300
cacttttctt	gcttcaagtt	acagcagtca	cctgaaatct	gaaaatacta	aatgaaaaac	3360
tccagaaaca	aaaaaaaaa					3379

<210> 8436
 <211> 2432
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(720)

<223> similar to gi217576 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

00453735.04300

```

<400> 8436
gacgatttcg tgcggtgagg gcctcagtcg gcggccatgg gggcggtccgc gcggctgctg 60
cgagcgggtga tcatgggggc cccgggctcg ggcaaggcca ccgtgtcgtc gcgcatcact 120
acacacttcg agctgaagca cctctccagc ggggacctgc tccgggacaa catgctgcgg 180
ggcacagaaa ttggcggtgt agccaaggct ttcattgacc aagggaact catcccagat 240
gatgtcatga ctcggctggc cttcatgag ctgaaaaatc tcacccagta tagctggctg 300
ttggatggtt ttccaaggac acttccacag gcagaagccc tagatagagc ttatcagatc 360
gacacagtga ttaacctgaa tgtgcccttt gaggtcatta aacaacgcct tactgctcgc 420
tggattcatc ccgccagtgg ccgagtcctat aacattgaat tcaaccctcc caaaactgtg 480
ggcattgatg acctgactgg ggagcctctc attcagcgtg aggatgataa accagagacg 540
gttatcaaga gactaaaggc ttatgaagac caaacaagc cagtcctgga atattaccag 600
aaaaaagggg tgctggaaac attctccgga acagaaacca acaagatttg gccctatgta 660
tatgctttcc taaaaactaa agttccacaa agaagccaga aagcttcagt tactccatga 720
ggagaaatgt gtgtaactat taatagtaag atgggcaaac ctctagtcc ttgcathtag 780
aagctgcttt tcctaagact tctagtatgt atgaattctt tgaaaattat attactttta 840
tttctactga ttttattttg gatactaagg atgtgccaaa tgattcggat actaagatgc 900
atcgtttgaa atcatctagt gtgttgtagt cagttatcct caaaaacatc agcgatgtct 960
gaacctttaa aacatctggt agagcaaaat taaaagagca tttggtagta atctaacttt 1020
ttgttcagtt aataagtggg tgataaagtt tccatatatt tctggaaaag ttaaaaaaag 1080
ttacatgtca tttggagaaa atacgtaatc agaaatttgt gcatagattg atgccaaaaa 1140
agacatttcc agcattgtgg aacatggtga gacactatat aaaattccag aaagaaagca 1200
actggattta cagatttatt gtgagacaca aattcactgc tgcctttaca ctaagaaatg 1260
tatatgttaa ccatatatgc tgtatttatt ttgtcgttaa gcatactttc agtttactca 1320
gaattttcaa tttgctataa agatgtatca attagcatat agaaaaatat tactttaaga 1380
tgacttgttt cttttgaaaa tacctgtgta ctgagggtta tgatttgtgt caaaaattga 1440
cataagtgtc tttaacaaga ccaaagttga atgaattttc aacaaaatgt aattaaagtc 1500
tatgttttca gttatgactc aggttaagaa atgtgtttta ggatctactt gctggttttt 1560
ctttttgatc caaatgtgtg atctgccctg ataaataaca agttatagta ccatctcccc 1620
cgccaataaa aaagagaaga aaaaagagaa acccgaggca ctatgtaaat aaagtaagca 1680
tactttgttg ttagtaataa gatgaggcat gcctgggaaa tgctcccttg gcataaatag 1740
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aaggaccagg aaagtgagtt tcctgaagga gttctttgtt cctgatcaaa gaaattgata 1860
cctgttagca ttcactgcca ccataatttt aggagaaaga actctattgg tgtcgtctga 1920
gcagccattt aaaaattgga atctaaagga tggttgctga tgtactgtgt ggtctggtag 1980
aagtggggaa atatgagaga tggaggaaaa acttgattat gtcttccatg gcatatttac 2040
tcttacttta cttcgtgcca aatcaaatga aacaagccgt cttacaagtc gttattgcct 2100
ttaaaaaatc gttccgtttt ttttcccagg tacttaaaat acaagtcca gtaagtgggt 2160
cttatgtgtt ttggggggaa aattttattt cccttttctt ctgatattta aaaaattcat 2220
cgatctttca agatgaacca aggtttttta aaagaattat aggaaacact tcattcttta 2280
taaaactttc tataatgccc ttaatttgga atggttaacc ttatgtgcct ttctaaaaaa 2340
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atcagaataa aatgaaattt cataaaaaaa aa 2432

```

<210> 8437
 <211> 1095
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (242)...(965)
 <223> similar to gil669685 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8437

gcggccgctc	caacatcaga	atggaggatg	aggagcattt	aggtaagtag	agggcctagg	60
gccgcattac	tgtagcttga	catatgtctt	ttcttctctc	taggaaaata	tagtgctata	120
ccaaaagggc	caagcctctg	ttaaagtcac	tgacttttga	tcaagctggt	atgaacacca	180
gaaagtatac	acgtacatcc	aaagccggtt	ctaccgatcc	ccagaagtga	tcctggggcca	240
cccctacgac	gtggccattg	acatgtggag	cctgggctgc	atcacggcgg	agttgtacac	300
gggctacccc	ctgttccccg	gggagaatga	ggtggagcag	ctggcctgca	tcatggaggt	360
gctgggtctg	ccgccagctg	gcttcattca	gacagcctcc	aggagacaga	cattctttga	420
ttccaaaggt	tttctaaaa	atataaccaa	caacaggggg	aaaaaaagat	accagatttc	480
caaggacctc	acgatgggtg	tgaaaacctt	tgacaccagc	ttcctggact	ttctcagaag	540
gtgttttggt	tgggaacctt	ctcttcgcat	gaccccgac	caggccctca	agcatgcttg	600
gattcatcag	tctcggaacc	tcaagccaca	gcccaggccc	cagaccctga	ggaaatccaa	660
ttcctttttc	ccctctgaga	caaggaagga	caaggttcaa	ggctgtcatc	actcgagcag	720
aaaagatgag	atcaccaaag	agactacaga	gaaaacaaaa	gatagcccca	cgaagcatgt	780
tcagcattca	ggtgatcagc	aggactgtct	ccagcacgga	gctgacactg	ttcagctgcc	840
tcaactggta	gacgctccca	agaagtcaga	ggcagctgtc	ggggcggagg	tgtccatgac	900
ctccccagga	cagagcaaaa	acttctccct	caagaacaca	aacgtttttac	cccctattgt	960
atgacctttg	ctgagggtat	gtcctgctcc	tttccaccag	tgatttgtat	taagacagca	1020
cttatattgt	acaatacttc	agactgtttt	ttttaaacat	ataaaaacttt	atgttaaaaa	1080
actctaaaaa	aaaaa					1095

<210> 8438
 <211> 977
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (736)...(230)
 <223> similar to gill154645 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8438

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acggcagggc	acagtggctg	tggtcccatg	attggctcct	tcttcagggc	tccaagtcac	180
tgccagggca	gggaatgatg	tctgtcctc	agcccttggt	ggcggcgctc	acgcagcgct	240
ggtatgcctt	gaccaggtcc	gagcacagca	gcacctcatg	cgggcgatct	cggtagcagt	300
ggagaatctg	ggcctgcaac	cctgagcaga	cgggctccac	cctgcggggc	tttattgtgc	360
tctccatctt	tgaggctgcc	tcatggaatt	gctctgaaga	cagtttatac	atctcagcat	420

tcttctctctc	aatacgcctcc	agctgctcct	tgtagaaggt	gtcacggcgt	cttagctctg	480
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tgccttcgcc	cgtgggcagg	gatgccttgg	agtgccttgg	ggcagcctct	ctttccctct	600
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cctccttcat	ccctgagggc	tgctggccac	cactgctccc	cgacctgggc	agtgtggatt	720
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gcagcaccgc	gacccgctcc	tcctcgtcca	ctccgaagga	cacctgcggg	ccctcgctgc	900
tctccgtgct	ccccatggcg	agatgccgca	gggccggcag	ccaccagacc	cgagacccgg	960
ctccagagca	accgggc					977

<210> 8439

<211> 1723

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1596)...(992)

<223> similar to gi4586930 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8439

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aaaaatacac	ttgaacctgt	aattgaatta	gacaagcctc	actgcacgta	gggctacagc	180
ggtcaccagg	acacaaagca	aatgtcgggt	taccagaagt	gcagttatca	gccatcagtg	240
atttattgga	gtgcctttta	ataaatacca	agtgtacatc	caactggatc	cccacagtcc	300
aaaagtgggc	aggtcccccct	aagaaattta	caagcacttt	aagtaaattcc	aaaatacata	360
ttatttttgt	caatcccaac	agtccttccct	gcgggaggga	cagaaggcct	agtgataaac	420
agagtctcag	taatgcacag	tgattctgat	tgaagctttt	gtacaaaaaac	ttgttcccag	480
tagcatgcac	ccaccaataa	agacttcagt	acaaaaaatt	aaccctaagc	actacattta	540
agtagaaaac	agatataatt	ctgaatgtgt	tttcccaaag	atcacataaa	agaaaaaaaa	600
atcaaaatca	aataaacaac	acaaaaaaaa	acaaaaccac	acagtaatac	aaagctttgt	660
aagaaagctc	ttactattac	agctccaaca	ttgtttgcac	tgaaaacaaa	agttcccatc	720
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aagatggaca	acataccatc	acaaaatggg	tccaaattta	ataaaaatag	gaaaataaga	900
accgaggtct	ggaggggtgg	gcagggctac	cgatgcactt	ggtgaatgtg	cttgcacagg	960
tcccgcgggg	cggcaggcag	caggccccta	tgtggcgtag	cgcttggtcc	actgtctggc	1020
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gtcagcaggg	ttgcaatctg	taagaagtga	gcagatggag	aggagaactt	tagaaatagt	1140
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aatgatgact	gctctttgac	cagcatgtct	actggaagtg	gcacattcag	aagtgagatc	2820
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acaccaacaa	ttctgtgtct	gaagaagaga	gtgttttgct	gacggggg	ctgcccag	4740
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aatcagagct	cagcgggacg	cctcccacgt	cgacgcgagg	ttggtcttca	agcagtgaca	4860
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ggcaggat						4928

<210> 8441
 <211> 1087
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (151)...(749)
 <223> similar to gi4235148 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8441
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 cctgcgcgag tggagctctg aagaagctct gagcggagtt gtgttcttcc ccaggtgcgt 120
 cctggctgag agttggagct ctccagcaac atgcctgagc agagtaacga ttaccgggtg 180
 gccgtgtttg gggctggcgg tggtggcaag agctccctgg tggtgaggtt tgtgaaaggc 240
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 gacaagagca tatgcacatt gcagatcacc gacacgacgg ggagccacca gttcccggcc 360
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 cgacagtcct tggaggagct caagcccac taccgaacaaa tctgcgagat caaagggggc 480
 gtggagagca tccccatcat gctggtgggg aacaagtgtg atgagagccc cagccgcgag 540
 gtgcagagca gcgagggcga ggccttggcc cgcacatgga agtgtgcctt catggagacc 600
 tcagccaagc tcaaccataa cgtgaaggag cttttccagg agctgctcaa cctggagaag 660
 cgcaggaccg tgagtctcca gatcgacggg aaaaagagca agcagcagaa aaggaaagag 720
 aagctcaaag gcaagtgcgt gatcatgtga aggcccttcc tgcgggagga gcagctgtgt 780
 gtccccggca cctcactccc caaaatgac acccaccgtc gtcagggtag catgtataat 840
 gccacgtgt taaacattgc atttaatcga gatgcgtcct attgtcctta agagggcggt 900
 tcacaccacc aacagtaagc caccactct ggagtcacag aatctgccag gcggttcaag 960
 tgaaaaccaa cacactcagc atccctggga actgagaggt gccagcaatt gctgaagggt 1020
 gcgatgaaca cccgaagggt ggagggagga ctggtacca caaagcaaca tgtaccgaga 1080
 ggactac 1087

<210> 8442
 <211> 886
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (791)...(127)
 <223> similar to gi2440074 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aacagttctg	ggagggatgg	tctacgctat	tggaggtgaa	aaggattcaa	tgatttttga	1260
ttgtactgaa	tgctatgatc	cagttactaa	acagtggaca	actgtagctt	cgatgaatca	1320
tccccgctgc	ggcttaggag	tgtgtgtgtg	ttatggggct	atctatgctt	tgggtggatg	1380
ggttggagct	gagataggga	acaccattga	acgatttgat	cctgatgaaa	ataaatggga	1440
agtagttggt	aacatggctg	tgtcacgcta	ctactttggg	tgctgtgaaa	tgcaagggtt	1500
aatttatgta	attgggggca	tcagcaatga	aggaatagaa	cttcgttctt	ttgaagtcta	1560
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aatgaaagtg	cctagagcag	gcatgtgtgt	tgtggcagtc	aatggtcttc	tgtatgtttc	1800
tggaggtcga	tcttccagcc	atgatttttt	ggctccaggt	accttggact	cagttgaagt	1860
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<210> 8444
 <211> 2054
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (306)...(1886)
 <223> similar to gi5281316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aagacatggg	ccctcccatg	ggccatttgc	tccctggagg	ccctcgcgtc	ttgctgagcc	180
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cagggatggc	ggcggaggcg	gccgatttgg	ggctgggggc	cgccgtcccc	gtggagctga	360
ggcgggagcg	acgcatggtg	tgctgtgagt	acccgggagt	ggtgcgtgat	gtggctaaga	420
tgctgccgac	tctgggcggc	gaggaaggcg	tctcccgat	ctacgcagac	cccaccaaga	480
ggctggagct	gtacttccgg	cccaaggacc	catactgcca	cccagtgtgc	gccaaccgct	540
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tgggcactga	ggcccaactc	gaggtcacat	ttgacatgga	gatccttggc	atcatctcca	660
ccatttacia	atttcagggg	atgtctgact	tccagtactt	ggctgtgcat	acggaagcag	720
gcggcaagca	tacgtcaatg	tatgacaagg	tgctcatgct	ccggccccgag	aaggaggcct	780
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acatccgtcc	catctgggtc	cgaaatgctg	tcaaggccaa	catcagcgtc	caccagaca	1140
agctcaaggt	cttgcttccc	ttcatagcct	attacatgat	aacaggcccc	tggcgagcc	1200
tatggattcg	atttgggtat	gacccccgaa	aaaaccaga	tgccaagatt	tatcaagtcc	1260
tcgatttccg	aatccgttgt	ggaatgaaac	acggttacgc	ccccagtgac	ttgccggtca	1320
aagcaaagcg	cagcacctac	aactacagcc	tccccatcac	cgtcaagaag	acatccagcc	1380

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tctacatctt ccgggaaggg gccttgccac cctatcggca gatgttctac cagttatgcg 1560
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aggaggagga agaggaggag gaggacttca agccatccga cggcagtga aacgaaatgg 1860
agacagagat tctggactac gtgtgacagg gcccaaggct gggcctccct gacccggcca 1920
gactggtgtc tggcctaata agggagccgg ggctcccat tgccaccac agtgcccgga 1980
atggccctag gaggcctct gaggagagct agagtccag caaagggtgc agctgaccct 2040
agcactggct gtga 2054

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```

<210> 8445
<211> 2564
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (102)...(1619)
<223> similar to gi3090421 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8445
tttcgtgctg tcggctcggt tcggctcgct tacagggcag gcgccggggc caaggcaggg 60
agggatctta ggagagatcg taggacatct gaagagctgc catgtctggg gcatcttctt 120
cagaacagaa caacaacagc tatgaaacca aaaccccaaa tcttcgaatg tcagagaaga 180
aatgttcatg ggccctcctac atgaccaact ccccgactct gatcgttatg attgggttgc 240
cagcccgggg taaaacctac gtgtccaaga aactaacacg ctacctcaac tggattggag 300
tccccaccaa agtgtttaat cttgggggtgt atcggcgtga agcagtcaag tcctataagt 360
cctacgactt ctttcggcat gacaatgagg aggccatgaa gatccgcaaa cagtgtgctc 420
tgggtggcgt ggaagatggt aaggcgtatc tctactgagga gaatggtcag attgcggtgt 480
ttgatgccac caatacaacc cgggagagga gggacatgat tttgaacttt gctgaacaga 540
attccttcaa ggtattcttt gtggaatccg tctgtgatga tctgatgtc attgctgcca 600
atattctgga gggttaaggta tcaagccctg actatcctga aaggaacaga gagaacgtga 660
tggaggactt cctgaagaga attgaatgct acaaagttac ctaccgacct cttgaccag 720
acaactatga caaggatctt tctttcatca aggtgataaa cgtgggcccag cgatttttag 780
tcaacagagt ccaggactac atccagagca agatagtcta ctacctcatg aatatccacg 840
tccagcctcg caccatttac ctttgccggc atggagaaaag cgagttcaat ctcttgggga 900
agattggggg tgactctggc ctctcggtgc ggggaaagca gtttgcccaa gctctaagga 960
aatttctgga ggaacaggaa ataacagacc tcaaagtgtg gacaagccat gtgaagagga 1020
ccatacagac tgctgaatct ctcggggtgc cctatgagca gtggaagatt ctgaatgaga 1080
ttgatgctgg tgtgtgtgaa gagatgacct atgcagagat tgagaaacgg taccagaag 1140
agtttgcact tcgagatcaa gagaagtatc tgtatcgata tcctgggtggg gagtcatacc 1200
aggacctggt gcagctgctg gagcctgtca tcatggagct ggaacgtcag ggcaatgtcc 1260
tcgtcatctc ccaccaggct gtcatgcaat gcctcctggc ctacttcttg gataaggacg 1320
cagatgagct accatacttg agatgccctc tccataccat cttcaaaact actcctgtga 1380
cctatgggtg caaagtggaa acaattaaac ttaacgtgga ggctgtgaac acgcaccgtg 1440
acaagccaac taacaacttc cccaagaacc aaacccctgt aaggatgaga aggaacagct 1500

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gcaaggtgct ggctctgagc acattgacca ccacattcag ggccaggggc tcagtgggca 1200
agggtctctgt gcccgtgccc tgtacgacta ccaggcagcc gacgacacag agatctcctt 1260
tgacccccgag aacctcatca cgggcatcga ggtgatcgac gaaggctggt ggcgtggcta 1320
tgggccggat ggccattttg gcatgttccc tgccaactac gtggagctca ttgagtgagg 1380
ctgagggcac atcttgccct tccccctctca gacatggctt ccttattgct ggaagaggag 1440
gcctgggagt tgacattcag cactcttcca ggaataggac cccagtgag gatgaggcct 1500
cagggtctccc tccggcttgg cagactcagc ctgtcacccc aaatgcagca atggcctggt 1560
gattcccaca catccttccct gcatcccccg accctcccag acagcttggc tcttgccctt 1620
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cggggaaggg tcctgagcag gggcatctgg gaggtctctg ctgccttctg catttatttg 1740
ccttttttct ttttctcttg cttctaaggg gtggtggcca ccactgttta gaatgaccct 1800
tggaacagat gaacgtagag aattgttttt agcagagttt gtgaccaaag tcagagtgga 1860
tcatggtggt ttggcagcag ggaatttgtc ttgttggagc ctgctctgtg ctccccactc 1920
catttctctg tccctctgcc tgggctatgg gaagtgggga tgcagatggc caagctccca 1980
ccctgggtat tcaaaaacgg cagacacaac atgttccctc acgcggtcct ctcgatgcct 2040
gcaggcccca gtgtgtgcct caactgattc tgacttcagg aaaagtaaca cagagtggcc 2100
ttggcctggt gtcttcccct attttctgtc ccagctcatc cgtgtctctg aagaacaaat 2160
atgcttttgg accacgaaaa aaaaaaaaaa ggggcggccg t 2201

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<210> 8447
<211> 721
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (188)...(600)
<223> similar to gi4929733 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters-

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<400> 8447
ggcacgaggg catggcgagc ggatcatccg cttccggagt cgaggttttc gggcttgtac 60
cgcttggcgg tgccggcctgg tgcgggcttg caggttcttt ctgtgtttgt tctctgccct 120
gccaaggccg tagagctggt gcgtgcgggt agcggggctc tccgaggagc cgcacgccgg 180
cggcaccatg gtccacctca ctactctcct ctgcaaggcc taccgtgggg gccacttaac 240
catccgcctt gccctgggtg gctgcaccaa tccggcgttc taccgcattg tggctgctca 300
caacaagtgt cccagggatg gccgtttcgt agagcagctg ggctcctatg atccattgcc 360
caacagtcac ggagaaaaac tcgttgccct caacctagac aggatccgtc attggattgg 420
ctgcggggcc cacctctcta agcctatgga aaagcttctg ggtcttctg gctttttccc 480
tctgcacctc atgatgatca caaatgctga gagactgcga aggaaacggg cacgtgaagt 540
cctgttagct tctcagaaaa cagatgcaga agctacagat acagaggcta cagaaacata 600
aatgagctga ctttagtgag catagcagtg ggaacaaggt caaggctcct ttgaaacact 660
gcagcgatct taattttggt agatttggag ttcaataaat ggagtatcct gaaaaaaaaa 720
a 721

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<210> 8448

<211> 2144
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (359)...(763)
 <223> similar to gil255376 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8448

cgtaccggcc	tggagttccc	gggtcgacga	tttcgtgcct	cgggctttga	agttcctcac	60
cgcgctctct	tttctctccc	caaagcctgg	atcacgcgcc	agcgtcaggc	gaggggagac	120
gtctcgagg	aaaacggagg	aggtgcggga	cgcgagagact	gcgcggggccc	ggtagccctg	180
gagaggccga	ggctctaggg	cgcgaggggg	gggtgcaatg	gcggaggaac	aggtgaaccg	240
cagcgccggc	ctggccccc	actgtgaggc	ctcggcgact	gcagaaacta	cggtttcctc	300
agtggggacc	tgtgaagccg	ctggcaagtc	accagagccc	aaggactacg	acagcacctg	360
cgtgtttctg	cggatcgcg	ggcggcagga	cccgggcacc	gaactcctgc	actgcgagaa	420
tgaggaccta	atttgcttca	aagatatcaa	accagcagca	actcatcatt	atcttggtgt	480
gccaaagaag	catattggaa	actgcagaac	tctaaggaaa	gatcaagtag	aactggttga	540
gaacatggta	actgttggaa	aaaccattct	tgaaagaaat	aatttcaactg	acttcacgaa	600
tgtgaggatg	ggttttcata	tgccaccatt	ctgttccatt	tcccacttgc	accttcatgt	660
tctggcacca	gtggatcagc	ttggcttctt	atccaagttg	gtttatagag	tcaattccta	720
ttgggtttatc	acagctgac	acttgattga	aaaactaaga	acatgaaaat	gtcaagagcg	780
gaagatTTTT	ctaattcttg	ttcaccatga	agtgggtattt	aggtcccttt	taagtctaata	840
tgcaatttta	agatttggtg	ggttttatga	gaggctgtta	cttagtgggc	cttaaatctt	900
ttctgaatgt	ctgtttccta	agatctgtga	tacagttatg	tgaatatttt	gttactgact	960
tgtttcaatg	gttacttgta	taaggatttt	atataatga	tactatagat	aaaatcctat	1020
ttaagacaaa	ttctgttaat	caacaagggc	tctgtatttt	tttaagttaa	aataattttca	1080
tttctcagta	agtagtcagt	tataatagtg	atttattttat	gaagaataaa	ctactataga	1140
aagtactttg	tgggaacctt	tattactgtg	aaggagaaaa	atagctattt	cttgacagtt	1200
ctatagtttt	acacataaat	tttcaaaaata	aagaatacca	tactacacaa	tgatctctga	1260
ttttgctgag	ggaaggaatt	atataatgtg	cactttttcc	tcaaatttca	gatgccagtt	1320
ttcacttttt	gaagcattgc	atcttttttaa	taaatctatc	ctgaaagcta	tataatatat	1380
ataattttata	tcaatgaatt	tacaataact	atcaaattgg	ctatcagaat	tcactgtaat	1440
ggaatttttg	ctctaataac	ataaaggggg	aagaaacata	aagtggttct	cttaataaaa	1500
ctagcagaaa	atgttgcttt	atggcatgtt	tttgtatcaa	agagaaatca	gagggttaaac	1560
tttgctttta	tcatgaaaag	ggcctgattt	gaaggtagag	ataggcttag	atgagaaaaa	1620
ttgataacgc	aatgttaata	ctattgatat	ttcataggta	tattttgtta	gaaattgggt	1680
ttttggtgct	aatctatagg	cacaatagtg	aatatgaatg	aagagtaggt	gctgcaagtt	1740
aatcctacat	tgtgccagtg	tatattagta	ccatgtaaat	gaatatgaat	aaatgaacat	1800
gaggattaac	gaactgttga	aaataggctg	agatactagt	tttctttctt	ttttagaggg	1860
ggcatgatat	taaagatagt	tttaagtaac	aaattactta	ttacaaagtt	acaacatgtg	1920
gaatcaatac	tgtttttatt	gttcattaat	ttattcattc	agcaaacatt	tgttgaacat	1980
ttaatgtgta	ccagatattg	ccaggatcag	gaaataaaga	actaaaaatg	gacattcaga	2040
ctgcaattgc	tagtacaggg	gtcaaacaaa	atcagtgatt	agaatttagt	gcgttaagtt	2100
ccctgatgcc	ttcacagcct	tgttttttatt	ttttaaaaaa	aaaa		2144

<210> 8449
 <211> 2078

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1920)...(964)
 <223> similar to gil89498 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8449

tgccataagg	ttttcgatgt	gggtaatat	taacaggaat	agtcttaaga	gaacttcctg	60
agatactcaa	aagttcaaga	agatctattc	tagctggagt	ggaaattcca	gaagtattga	120
gcagtacata	ggtaggtatt	ccttgcactg	gtctgctgac	tgtttttttg	aagtccaggg	180
tgggctttcg	agaaaagcca	gctcggaat	caatagtact	gaggccagta	atgcgaacag	240
agtgccttcc	actgcttgag	gtcttcactg	tccacattcc	agcctctggc	tctttcacat	300
tcaactactt	ggcagagtta	tggatattta	atagctcatg	caggccaaat	ccctttttta	360
tcagcttccc	tcaaggattg	cgatttataa	ataaacttta	ttaaagcagt	taaacttagc	420
attaaataac	actcttttaa	tggtagacct	atgaagcaag	agttaaatat	aaacccagtc	480
taatcctgta	cacttgtgat	taattgtgac	aatcttaagt	tgtctacttc	tttcccattt	540
accaattcag	agaaagcccg	tttctgtgtt	tctctcacc	actttgcctt	ggcatcacac	600
caaccctgcc	tggggttca	gctgcagatc	ctccccagcc	cctcctccca	gctgggctga	660
ctccagtccc	agccccagtc	tccaccaact	gagcagcgta	cgcagggttg	tgtctggctt	720
ccagcatcta	ccacccttc	agagcaactt	ccaacatggg	acaggagagg	aagctcgcat	780
tgtttggtct	gaacagattt	aaggagggtt	tatcacaagg	acctgaaaac	ttcctaagca	840
tgttttctcc	ttgcacagct	gaggaggggc	aatggtggga	gcggggcagg	ggggtggcag	900
gggcggcagg	ggctctcaac	taagggtctt	gaatcacaga	ggggacagat	gctgccttag	960
tccttcttgc	ctcccagggc	caggcttctt	gtgaggagct	tccctgggct	ggagggggtc	1020
agtgtggaga	ctgtggggga	ttccagcttc	actctgtcta	agagggtctt	cttaagggca	1080
gctggggaga	tcttttcttg	gtcggccatg	gactgtagct	ctcgtgttcg	gatacaggag	1140
gcctcaactg	cattgatgag	cagagagcgg	aagccccac	tctctagaaa	gtgcagggcg	1200
tggatggtgg	ctccccagg	ggagcagaca	ttgtccttaa	gctggcatgg	atgctgctcc	1260
gagtccagca	gcattcttgg	agctcccagc	aaagcctggg	ccccagagtg	gattgccagg	1320
cgcctgtggc	aacccatctt	caccccacca	tcagccaatg	cgtccagagc	catgaatgca	1380
taggcaggcc	cgtctgcaact	gagccccgtg	acggcatcga	tgaggtcctc	ttccacctca	1440
gtgcagaagc	ccacgctgct	catgagctgc	tccaggagct	gcccatactc	caccagggca	1500
tgggtgcccc	tggcgtacac	tgtagcgctt	tcctgcacta	ccacagggtg	ggttggtcatg	1560
cagcgaatca	ctttgggggc	tggctggaat	gccatcagct	tcttctccac	agagctgatg	1620
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accgtctcct	tgttgctgcg	tgtcagggtt	acacccatct	tcctgagcgc	ggacaccgtg	1800
ggcaggttca	tttctgggga	gctggctatt	atcttgtgag	ccgacaggat	gcctgcgggc	1860
gtgaagcccc	gcgccagagc	ataggccagc	tggccggccc	cgatgaagcc	cacgctcatg	1920
gtccgcgggt	cacgcctcct	gggagccgca	cgaacccctt	cagcgaggga	ccggaagtaa	1980
cgtaggggga	agggcggaca	gcgcaggggc	gaacggggcg	cgtgcccagg	accggcgagc	2040
taacagcagc	ttctgggatg	gtgcaacctt	attctcgg			2078

<210> 8450
 <211> 1255
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (81)...(1183)
 <223> similar to gi3288685 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8450

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ctcatggcgc	caggcggtggg	aggccgagtc	cccagtgggcg	agcactggcc	cgactcggct	120
gggaggactg	ccgggactcc	agagtcgcgc	agaagcctcc	ctggcgggtg	ctcttcttcg	180
gcacggacca	gttcgcccgc	gaggcgctgc	gggcgctgca	cgccgccagg	gaaaacaaag	240
aagaagagtt	aatcgacaaa	ctggaggtgg	tcacaatgcc	ttccccatca	ccaaaaggac	300
tgccagtga	gcaatatgct	gtgcagtcctc	agcttcccgt	atatgagtgg	ccggatgtgg	360
gatctggaga	atatgatgtt	ggagtagtgg	cttcgttttg	ccgacttttg	aatgaggctc	420
ttattcttaa	atttcocctat	ggcatattga	atgttcatcc	cagttgcctc	ccgagatggc	480
gtggcccagc	ccctgtaatc	catacagtgc	ttcacggaga	cacagttact	ggagtaacaa	540
ttatgcaaat	tagacctaaa	aggtttgatg	taggcccaat	tctcaaacaa	gaaactgttc	600
ctgtgccacc	caagagcact	gcaaaggaat	tggaaagcagt	gttgtcaaga	ctgggtgccca	660
acatgctcat	ttcagttttg	aaaaatttgc	ctgaaagtct	gagcaatgga	aggcagcagc	720
caatggaggg	ggcgacttac	gcccctaaga	tttctgctgg	taccagttgt	ataaaatggg	780
aggaacaaac	ttcagaacaa	atattcagac	tttaccgtgc	cattggaaat	ataattccgt	840
tgcagacgct	ctggatggcg	aataccatta	aacttctgga	tttggtagaa	gttaacagtt	900
cagtccttgc	tgatccaaaa	ttaacgggac	aggctcttat	tccaggatca	gtaataatacc	960
acaaacagtc	acaaataacta	ttggttttatt	gcaaggatgg	ttggattgggt	gttcgatcag	1020
tgatgctcaa	gaaatcacta	acagctactg	acttctacaa	tggatatttg	cacccctggt	1080
accagaaaaa	ttcccaagct	caaccaagcc	aatgcagatt	tcagactctc	agacttccaa	1140
caaagaagaa	gcagaaaaaa	actgttgcta	tgcaacaatg	cattgagtag	ttaggaagaa	1200
gatggataaa	aacctattac	atatttgtaa	tttattaaaa	accttattta	caagg	1255

<210> 8451
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (806)...(35)
 <223> similar to gi895851 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8451

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ccgcgcttct	ggaccagccc	tcggtacacg	gtcgtctctc	tcctgccctc	atcagtggcc	180
ttctctcttg	ggggctttgc	cttctcatcc	tctttgtctg	tcaaaaagtc	atcagtgccca	240
tccccatcct	ccgtgcttcc	aaggctcctt	ctggtgaata	gctcaggtgg	gtacaggtct	300

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gtcatgctgt catcacttgc agtccccccc tcatcactgg atgtgggctc ccagaaggct 360
tcccgcgggc gagggccgct accgtccatc tggctcctcc tctcctcct cgggtgcacc 420
aggcaggcag gcacgtactc caccoccttg ttctgacatt cttcatattt acacagagct 480
cgctgggtacc gccggccctg ggtgtgcctc agcacgtgtt ctgggcactt gttgatgtgc 540
cgcagggtga gtttgacagaa caactggtgc gggttcttg tgctgggcac gatgtgcggc 600
tcgaactctg catagtcgaa ggccggggag gcgcggacca gccgctggta ctttttgccg 660
cgggtgtaga cctggagctc cggcaggcgg cagggcagct cgtgacctgt caggatgcac 720
ctcaccttgc gggcgctcgt ctggagccgc aggtcgggt gctcccgag aaacgcccgc 780
acgtcgcccc gcaactcgct catggccgac gcgcccgcgc ccacgcgtcc g 831
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<210> 8452
 <211> 2716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (626)...(1878)
 <223> similar to gi4886501 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8452
ttcgtgcgtt ttacgcaggc tgtggcagcg acgcggtgag gagacggccc acggcgcccc 60
cgggctgggg cggctcgctt ttctttctcc gtggcctacg agggctctga tctttctctg 120
ccggctcggt ggccgtgcct ttgcccttct gcgaggccct gaatctgac ccttcccttc 180
atatccggat ccgggctcct cctccaagc ccgggggttc ggacacctcc cccaagacaa 240
cccctctggc ctctctcctc tcagtacttg gaatctgac tcttctccct aattctgcgg 300
atccggcccc taatattctt tatcagacct tcagacaaga ggctgacttc tgcccccttg 360
tcaaggagcg aggccacttt cctctccacc ccatgctagc gaggataact tatttctctt 420
ctggaattgc atcttatgcg cttttcccca cccatcccca cagcccctgc aatacccagt 480
ttggcctctt ttgcttgtaa taacgcagat cccagcgcca cggcacctta ggaacagacc 540
tttttctttc tcgctggggg gcctggactc cttcagtggg agcctctcca cgccctctat 600
ctgcaggctc ccagcctggg taaagatggc cccatggccc ccgaagggcc tagtcccagc 660
tgtgctctgg ggccctcagc tcttctcaa cctcccagga cctatctggc tccagccctc 720
tccacctccc cagtcttctc ccccgctca gcccctccg tgtcatacct gccggggact 780
ggttgacagc ttttaacaag gcctggagag aaccatccgg gacaactttg gaggtggaaa 840
cactgcctgg gaggaagaga atttgtccaa atacaaagac agtgagacc gcctggtaga 900
ggtgctggag ggtgtgtgca gcaagtcaga cttcagagtgc caccgcctgc tggagctgag 960
tgaggagctg gtggagagct ggtggtttca caagcagcag gaggccccgg acctcttcca 1020
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ccttccctgt cctgggggaa cagagaggcc ctgcggtggc tacgggcagt gtgaaggaga 1140
agggacacga gggggcagcg ggcactgtga ctgccaagcc ggctacgggg gtgaggcctg 1200
tggccagtgt ggccttggtc actttgaggc agaacgcaac gccagccatc tggatatgtc 1260
ggcttgtttt ggcccctgtg cccgatgtc aggacctgag gaatcaaact gtttgcaatg 1320
caagaagggc tgggccctgc atcacctcaa gtgtgtagac attgatgagt gtggcacaga 1380
gggagccaac tgtggagctg accaattctg cgtgaacact gagggtcct atgagtgccg 1440
agactgtgcc aaggcctgcc taggctgcat gggggcaggg ccaggctcgt gtaagaagtg 1500
tagccctggc tatcagcagg tgggctccaa gtgtctcgat gtggatgagt gtgagacaga 1560
ggtgtgtccg ggagagaaca agcagtgtga aaacaccgag ggcggttatc gctgcatctg 1620
tgccgagggc tacaagcaga tggaaggcat ctgtgtgaag gacagatcc cagagtccagc 1680
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```

aggcttcttc tcagagatga cagaagacga gttggtggtg ctgcagcaga tgttctttgg 1740
catcatcatc tgtgcaactg ccacgctggc tgctaagggc gacttggtgt tcaccgccat 1800
cttcattggg gctgtggcgg ccatgactgg ctactggttg tcagagcgca gtgaccgtgt 1860
gctggagggc ttcataaagg gcagataatc gcggccacca cctgtaggac ctctccccc 1920
ccacgctgcc ccagagctt gggctgccct cctgctggac actcaggaca gcttggttta 1980
tttttgagag tggggttaagc acccctacct gccttacaga gcagcccagg taccagggcc 2040
cgggcagaca agggccctgg ggtaaaaagt agccctgaag gtggatacca tgagctcttc 2100
acctggcggg gactggcagg cttcacaatg tgtgaatttc aaaagttttt ccttaatggt 2160
ggctgctaga gctttggccc ctgcttagga ttaggtggtc ctacagggg tggggccatc 2220
acagctccct cctgccagct gcatgctgcc agttcctgtt ctgtgttcac cacatcccca 2280
caccaccatt ccacttattt attcatctca ggaaataaag aaaggtcttg gaaagttaaa 2340
aggcatcagt cttactacct gtcccaccac cccacctta gggaaatgtc ctagaatcct 2400
gggaaattga gggcttcttt gatggtgagt ggagaaaaga tagaggagaa ggttgcccct 2460
gaagtgtgt taggagaagg aggatagagg aatcagcctt aggagggttc catgccagct 2520
gtcatttggc aaaggaccct ggacagatga cttttgcctc tgaacttcac tcttctcttt 2580
cctcaaatgg gcttcataat gctttccact caggcttaac atgagaatta aatgaggtga 2640
caaatgtgaa gacctggaca gtacacaaca gatattcaat aaaagtgtgg tcgcccttat 2700
gccccgaaaa aaaaaa 2716

```

```

<210> 8453
<211> 1102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(918)
<223> similar to gi217690 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8453
tttcgtgctg cggagccagg cgcggcgcag gatggtggac agcgtgtacc ggacccgctc 60
cctggggggtg gcggccgaag ggctcccga cagtagcgcg gacggggagg cggcgcgcgt 120
gtggcagctg tatatcggag acaccgcag ccgcaccgcc gactacaagg catggctgct 180
tgggctgctg cgcagcacg gctgccagcg ggtgctcgac gtagcctgtg gactgggggt 240
ggactccatt atgctggttg aagagggctt cagtgtgacg agtgtggatg ccagtgacaa 300
gatgctgaag tatgcaacta aggagcgtg gaaccggcgg cagagcccg ccttcgacaa 360
gtgggtcatc gaagaagcca actggatgac tctggacaaa gatgtgcccc agtcagcaga 420
gggtggcttt gatgctgtca tctgccttgg aaacagtttc gctcacttgc cagactgcaa 480
aggggaccag agtgagcacc ggctggcgct gaaaaacatt gcgagcatgg tgcgggcagg 540
gggcctactg gtcattgatc atcgcaacta cgaccacatc ctacgtacag gctgtgcacc 600
cccagggaag aacatctact ataagagtga cttgaccaag gacgtcacia catcagtgtc 660
gatagtgaac aacaaggccc acatggtgac cctggactat acggtgcagg tgccgggggc 720
tggccaggat ggtctctctg gcttgagtaa gttccggctc tcctactacc cacactgtct 780
ggcatccttc acggagctgc tccaagcagc cttcggaggt aagtgccagc acagcgctct 840
gggcgacttc aagccttaca agccaggcca aacctacatt ccctgtact tcatccacgt 900
gctcaagagg acagactgag tgtggcctca gctcccacia gcctctgccc aggcactgct 960
aggctctgtc tgggaagatgg ggaccagcag cccacacca gggccagcct ctagagcaga 1020
ctacagctgg ggtgcaggga tgtgggttcc acagacggaa gggtaacaa tatagtcttt 1080
ttcagttcct gcaaaaaaaaa aa 1102

```

<210> 8454
 <211> 1132
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (340)...(734)
 <223> similar to gil217980 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8454

tttcgtccgc	cgccctgggct	cctaggggact	gtggcctcgg	cggtatgtcc	cttgctttcc	60
cttgaagcgg	gagaagaccc	ggcagaggcg	ctctgtccgc	tgcagccgcg	cggggtggagg	120
aggcagagtc	tgaggtgtga	ccccgaccaa	gtttgacgct	tctgtcctcc	tagggagcaa	180
gctcggctga	aggcccacgt	cgtagaccgg	gacaccgagg	cgtggcagcg	agacccccgcc	240
ttctcgggtc	tgcagagggg	cgggggcggt	gacgtgtcct	tcgtgaaagg	ggacagtgtc	300
cgcgcttggt	cttccctggg	ggtgctcagc	ttccctgagc	tcgaggtcct	tcttgtggat	360
ggaaacgggg	tactccacca	ccgaggcttt	gggggtggcct	gccaccttgg	cgtccttaca	420
gacctgccgt	gtgttggggg	ggccaagaaa	cttctgcagg	tggatgggct	ggagaacaac	480
gccctgcaca	aggagaagat	ccgactcctg	cagactcgag	gagactcatt	ccctctgctg	540
ggagactctg	ggactgtcct	gggaatggcc	ctgaggagcc	acgaccgcag	caccaggccc	600
ctctacatct	ccgtggggcca	caggatgagc	ctggaggccg	ctgtgcgcct	gacttgctgc	660
tgctgcaggt	tccggatccc	agagcccgtg	cgccaggctg	acatctgctc	ccgagagcac	720
atccgcaagt	cgctgggact	ccccggggcca	cccacaccga	ggagcccga	ggcgcaggag	780
gccagtggca	tgccccaag	gagactccgg	agagtctca	ggtggagcac	ccagtcccca	840
aagacaggct	gaccgcacca	ccccaggggg	acgccgcagc	acagcccagc	accaggtggg	900
gcagaggtga	ccacggcccc	tctttgctcc	gtcatoggct	ggtcagctgt	ggtcacggtg	960
cctcagagga	cagatctcta	tgggggcaag	tgccagatcc	tgagagcgca	tgagacgctt	1020
tcccggagcc	gacgaagggg	actcggagct	gcagcctgca	cgacccctgc	agcctgtgct	1080
ttgcccaccc	ctttcaatag	atggaacttg	cttgctcttt	tcaaaaaaaaa	aa	1132

<210> 8455
 <211> 1031
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (45)...(770)
 <223> similar to gi3925599 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8455
ttcctttcaa atacacacccc caacccgccc cggcatacac agaaatgggg actgcgagca    60
gaagcaacat cgctcgccat ctgcaaacca atctcattct attttgtgtc ggtgctgtgg    120
gcgcctgtac tctctctgtc acacaaccgt ggtacctaga agtggactac actcatgagg    180
ccgtcaccat aaagtgtacc ttctccgcaa ccggatgccc ttctgagcaa ccaacatgcc    240
tgtggtttcg ctacggtgct caccagcctg agaacctgtg cttggacggg tgcaaaagtg    300
aggcagacaa gttcacagtg agggaggccc tcaaagaaaa ccaagtttcc ctcaactgtaa    360
acagagtgcac ttcaaatgac agtgcaattt acatctgtgg aatagcattc cccagtgtgc    420
cggaagcgag agctaaacag acaggaggag ggaccacact ggtggtaaga gaaattaagc    480
tgctcagcaa ggaactgcgg agcttcctga cagctcttgt atcactgctc tctgtctatg    540
tgaccggtgt gtgcgtggcc ttcatactcc tctccaaatc aaaatccaac cctctaagaa    600
acaaagaaat aaaagaagac tcccaaaaaga agaagagtgc tcggcgtatt tttcaggaaa    660
ttgctcaaga actataccat aagagacatg tggaacaaaa tcagcaatct gagaaagata    720
acaacactta tgaaaacaga agagtacttt ccaactatga aaggccatag aaacgtttta    780
attttcaatg aagtcaactga aaaatccaac tccaacgagc tatggcagtg ttaatgaaca    840
taaatacatca ggtcttaaaa aaaaaataaa ggtaactga aaaagacaac tggctacaaa    900
gaaggatgcc agaataagaa gaaactataa ctaatagtca ttacccaaat actaaaaccc    960
aacaaaatgc aactgaaaaa taccttccaa atttgccaag aaaaaaaatt ctatttttaa   1020
aaaaaaaaaa a                                     1031

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```

<210> 8456
<211> 3758
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3744)...(1603)
<223> similar to gi5630080 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8456
tttttttttt ttccagttca ttgaggcttt actgtaggca agctggagaa cccccagctc    60
tgtgaacatg cagtctgcaa tctggatacc ttttatttaa tgtcaagaat tccctttgca    120
cggcaaaaag ggggtctgagg aaagcggagc agcgtagatg agggcgaggg cggaagcagg    180
acgctcgcca aagtgggtgcc ggggtgccggc tgcccaactgt gatcccggct gggaggaacg    240
ccggacccac ggcaagggca gggaaagtca tttttgacac aaacaagggt cctggggcat    300
accacccac ccggtgccag gccatgcaag acgctgaaat ggagactgtg gccctcggg    360
acgcagcgcc cggagctatg gagcaggtgc accaacgtga aggggaatcc tttgggcgct    420
tcccagggcg cctgcagggt gtggagcaca gcagggtctg tatccatgtc cgtgagcacg    480
ggcagtaaca gatagacca attgggaggc ccagggcagg agagcctgag gctcagactc    540
tagcacccac ttgcccggcg ctgctgggaa gagacacgtg acggctactc tcacagcaaa    600
agcctctccc tcgccccctct gccctgggag aactggaaca aatcatcatg gtgaggtctg    660
acctggggcc ctaactgcct gtggggggacc aggccactgt tgtgcagtga caagatgctg    720
ctgcaccaga ttgaggggct ggggacaggc tggggccgag gcggcaccag gagctcccat    780
ggagaaagag ccctctgaat gtacaacctg gggcggttccg tagccaatct gttcccggct    840
cccaggaacc ccaggagctg gcctcctgtc gcttctggtt ttatccgtgg gtgagagcaa    900
ggaaaggaag agagaccagg aaaggaagag agaccaggag ggccaggcca gcagcttccc    960
gagcagcgga ggtaggcgga gagcgcgggt gggcagcgcg cgccccttcc cgtgtgattg   1020

```

ggtgaaccgt	ctcacctgcc	tctcacttta	ctcggtcacc	aggaaaatcc	tacccccacct	1080
atctgagagg	gataggccaa	gggtgaaatg	gataacggat	agaaaaacact	taaaaaaagta	1140
taaagcgcta	ttgaaacgcg	aggcagtgtt	gtcatcatga	agggtgttacc	cttagcacat	1200
ccctcggcct	tcgctttttt	tcagggcgtc	tcctaaccct	gggacctgat	ttcctgatct	1260
cagaagggct	tcgggactcc	ctgggtggctt	ccctgatga	ccatctgttg	cccagtggctc	1320
ccagggcact	cgaggagggtg	tgaggggcgt	gcccaggagc	gctcggctcc	tcgcggtccc	1380
cctggctctt	ccccagcagc	tgggtccacc	ctagatgagc	tgggcgtcca	ttcagaccag	1440
acagatctgg	gggatccctg	ccccaccctg	ggggaccccc	aaccggagtg	caatgcctgt	1500
tgccgatttc	cagacgggtg	ctgaggacac	ccggcaaggt	ggttggtgct	caggccgccc	1560
ccgatccact	ccgtccggcc	ctgccctccc	ccagcccagc	cctagtctcg	ctcaggaggc	1620
ggcgggagct	gccgtggggc	gccggggccc	gggcgcgcgc	tgtgcacgcg	caggtggctcc	1680
ttgagcgact	ccttgtagcg	gaagctcttg	ccgcactcgc	cgcacgtgta	ggggcgctcg	1740
cccgtgtgga	tgcgctgggtg	cttgagcagg	ttctgcttgc	ggatgaagct	cttgccgcac	1800
agtgcacatt	ggaaaggccg	ctcgcccgtg	tgacgcccgt	ggtggttctg	caggtgctcc	1860
ttacggctgt	aggtcttctc	gcaactccgag	cacttgtagg	gccgctcgcc	gcggtgctgc	1920
atctggtggc	ggatgaggcc	cgagtggcag	ttgaagctct	tctcgcactc	agcgcactcg	1980
tagggccgct	ccttggtgtg	gctgcggtgg	tgatgatga	ggctcttgcg	cacgccgaag	2040
ctcttgccgc	actcggggca	cgagtagggc	ttgtctcggg	cgccgtgcag	gaggaggctc	2100
cgccgcagcc	cgccagggca	gcagctgcca	cagccgccgc	ctgccccctg	ccccgcctcc	2160
gcgccgccgc	ccccaccgcc	cccatcgccc	ccgccgcccc	cggtgctgcg	gtccccaccc	2220
ggcggcgccct	cgccggagcc	acgctccccg	ggcagcacct	ggaaaaccgtc	gtccagcagc	2280
cctcggtctg	gggggcccgc	cggttctctg	gccaccgcga	tggggggcag	gctctggggc	2340
tggggctgcg	actgcagctg	cggtgcggt	ggctggcgct	ggggctgggg	ctgtggcggg	2400
gccgggggtg	ggttcttcac	catcagcagg	ctgtcactag	ggccagagtc	taatccaagc	2460
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tctgccaaat	cctgctgac	ccacacgcac	tgatgtcct	cctgtttaat	ccgggacaag	2640
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tgcgcaggca	ccaggggctc	tgctcctgct	tcgggatcca	ttgggatttc	tctctcttcg	2820
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ggcttgggga	ctgagccctc	cgcgtccagg	gacatgaggg	ttttgtagtt	ctccttaaca	2940
aggttggtat	aaagctcctt	ctgccattcg	tccaagttct	tccactcgtc	ttcggagaag	3000
tacacagcaa	tgtcgacaaa	agtcactgga	accttggggg	cctccccctt	gctgcccggg	3060
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tgaatggcag	ccaccacagt	ccagagtga	atctctgctg	tgggcaactg	gggtctctgc	3360
atcatgcggt	cggggaagac	aggtgcccta	tctggaaaag	gtgggaactg	aaaaggcatt	3420
ggccgcccgg	cgtccatgtc	ccattcttga	gcctgcatgg	gcggcattcc	ctcggccatt	3480
tccccgcgca	gcgcgggctc	ctgggtggcag	acctcctccg	ggggcagagc	ctgggcccag	3540
ctccagctcc	cgctgtccag	ccccaggccc	tggatgccca	gctgctgagg	ctgcggccgt	3600
gttgacacaa	actgcatact	gggagtgctg	ttccccgctc	gggtcggcca	gggagaagaa	3660
gaacgttttc	caggcgccct	ccccctctcc	ggggccggac	agctccatct	acagcccgtg	3720
ggagcaaaaca	gtcccccttcg	gcggccggac	gcgtgggt			3758

<210> 8457

<211> 597

<212> DNA

<213> Homo sapiens

<220>

```
<221> misc_feature
<222> (304)...(331)
<223> similar to gi532768 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8457					
cgtagtaact	gtggtggtat	tccgcccatg	cggtctgtaga	cgccatgatg	gatgtttttg	60
gtgtggggtt	cccaagcaag	gttccttgga	agaagatgtc	tgcagaggag	ctggagaatc	120
agtactgtcc	cagccgatgg	gttgtccgac	tgggagcaga	ggaagccttg	aggacctact	180
cacagatagg	aattgaagcc	accacaaggg	cccgggccac	caggaagagc	ctgctgcatg	240
tcccctatgg	agacggcgaa	ggggagaaa	tggacattta	cttccccgac	gagtcgtctg	300
aagccaccac	aagggcccg	gccaccagga	agagcctgct	gcatgtcccc	tatggagacg	360
gcgaagggga	gaaactggac	atttacttcc	ccgacgagtc	gtctgaagcc	ttgcctttct	420
tcctgttctt	tcaacggagg	tactggcaga	gcggaaggca	ccctggacca	catggtatag	480
caggtgaccc	gcagcgcttg	gtttgtccag	aagcggtatc	caagcaacaa	gctttttcct	540
ggtgagtg	gtctttgacc	tggagcccat	cgtgtatact	tcacagaacg	ttgctcc	597

```
<210> 8458
<211> 1163
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (58)...(573)
<223> similar to gi2911587 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8458						
ccgagtcgac	gatttcgtgg	caggcgccag	tcgcaggtgt	gctgctgagg	cgtgagaatg		60
gcgtcccgcg	gccggcgcc	ggagcatggc	ggacccccag	agctgtttta	tgacgagaca		120
gaagcccgga	aatacgttcg	caactcacgg	atgattgata	tccagaccag	gatggctggg		180
cgagcattgg	agcttcttta	tctgccagag	aataagccct	gttacctgct	ggatattggc		240
tgtggcactg	ggctgagtgg	aagttatctg	tcagatgaag	ggcactattg	ggtgggcctg		300
gatatcagcc	ctgccatgct	ggatgaggct	gtggaccgag	agatagaggg	agacctgctg		360
ctgggggata	tgggccaggg	catcccattc	aagccaggca	catttgatgg	ttgcatcagc		420
atttctgctg	tgcagtggct	ctgtaatgct	aacaagaagt	ctgaaaacc	tgccaagcgc		480
ctgtactgct	tttttgcttc	tcttttttct	gttctcgtcc	ggggatccc	agctgtcctg		540
cagctgtacc	ctgagaactc	agagcagttg	gagctgatca	caaccaggc	cacaaaggca		600
ggcttctccg	gtggcatggt	ggtagactac	cctaacagt	ccaaagcaa	gaaattctac		660
ctctgcttgt	tttctgggcc	ttcgacctt	ataccagagg	ggctgagtga	aaatcaggat		720
gaagttgaac	ccagggagtc	tgtgttcacc	aatgagaggt	tcccattaag	gatgtcgagg		780
cggggaatgg	tgaggaagag	tcgggcatgg	gtgctggaga	agaaggagcg	gcacaggcgc		840
cagggcaggg	aagtcagacc	tgacacccag	tacaccggcc	gcaagcgcaa	gccccgcttc		900
taagtaccaa	cgcggttctg	gaaaggcact	tgcctctgca	cttttctata	ttgttcagct		960
gacaaagtag	tatttttagaa	aagttctaaa	gttataaaaa	tgttttctgc	agtaaaaaaa		1020
aagttctctg	ggccggggcgt	ggtggctcac	acctqtaatc	ccagcacctt	gggaaggctga		1080

```

gggtgggagga tcatttgagg ccaggagttt gagacctgcc tgggcaacat aatgaaactt 1140
cctttccagg gagaaaaaaa aaa 1163

```

```

<210> 8459
<211> 3220
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (128)...(1836)
<223> similar to gi2995194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8459
tttcgtctga gaggtaagag agggcggggg gaaggaagag gaggcgggat ccgggcgctg 60
cgttggctgc ggcctggcac caaaggggcg gccccggcgg agagcggacc cagtggcctc 120
ggcgattatg gacccggctcg aggcggtgct gcaagagaag gcaactcaagt ttatgaattc 180
ctcagagaga gaagactgta ataatggcga accccctagg aagataatac cagagaagaa 240
ttcgcttaga cagacataca acagctgtgc cagactctgc ttaaaccaag aaacagtatg 300
tttagcaagc actgctatga agactgagaa ttgtgtggcc aaaacaaaac ttgccaatgg 360
cacttccagt atgattgtgc ccaagcaacg gaaactctca gcaagctatg aaaaggaaaa 420
ggaactgtgt gtcaataact ttgagcagtg gtcagagtca gatcaagtgg aatttgtgga 480
acatcttata tcccaaagt gtcatcacc acatgggcac ataaactcgt atcttaaacc 540
tatgttgcag agagatttca taactgctct gccagctcgg ggattggatc atattgctga 600
gaacattctg tcatacctgg atgccaaatc actatgtgct gctgaacttg tgtgcaagga 660
atggtaccga gtgacctctg atggcatgct gtggaagaag cttatcgaga gaatggtcag 720
gacagattct ctgtggagag gcctggcaga acgaagagga tggggacagt atttattcaa 780
aaacaaacct cctgacggga atgctcctcc caactctttt tatagagcac tttatcctaa 840
aattatacaa gacattgaga caatagaatc taattggaga tgtggaagac atagtttaca 900
gagaattcac tgccgaagtg aaacaagcaa aggagtttac tgtttacagt atgatgatca 960
gaaaatagta agcggccttc gagacaacac aatcaagatc tgggataaaa acacattgga 1020
atgcaagcga attctcacag gccatacagg ttcagtcctc tgtctccagt atgatgagag 1080
agtgatcata acaggatcat cggattccac ggtcagagtg tgggatgtaa atacagggtga 1140
aatgctaaac acgttgattc accattgtga agcagttctg cacttgcgtt tcaataatgg 1200
catgatggtg acctgctcca aagatcgttc cattgtgtga tgggatatgg cctccccaac 1260
tgacattacc ctccggaggg tgctggctcg acaccgagct gctgtcaatg ttgtagactt 1320
tgatgacaag tacattgttt ctgcatctgg ggatagaact ataaagggtat ggaacacaag 1380
tacttgtgaa tttgtaagga ccttaaattg acacaaacga ggcatcgctt gtttgcagta 1440
cagggacagg ctggtagtga gtggctcatc tgacaacact atcagattat gggacataga 1500
atgtggtgca tgtttacgag tgttagaagg ccatgaggaa ttggtgcgtt gtattcgatt 1560
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ggctgctttg gacccccgtg ctctgcagg gacactctgt ctacggaccc ttgtggagca 1680
ttccggaaga gtttttcgac tacagtttga tgaattccag attgtcagta gttcacatga 1740
tgacacaatc ctcatctggg acttcctaaa tgatccagct gcccaatctg aacccccccg 1800
ttccccttct cgaacataca cctacatctc cagataaata accatacact gacctcatac 1860
ttgcccagga cccattaaag tttgcggtat ttaacgtatc tgccaatacc aggatgagca 1920
acaacagtaa caatcaaact actgccaggt ttccctggac tagccgagga gcagggcttt 1980
gagactcctg ttgggacaca gttggtctgc agtcggccca ggacggtcta ctcagcacia 2040
ctgactgctt cagtgtctgt atcaaaagat gtcttctatc ttttgtgaat gattggaact 2100

```


tttaaacctc	ccctcctctc	ctcctttcac	ctctgcacct	agttttttcc	cattggttcc	2160
agacaaaggt	gacttataaa	tatatattag	gttttgccag	aatctctctt	gctttgccat	2220
taagcagaag	aactagtttc	cctgtatagc	ctgctgggag	agacccactt	ctaggggatg	2280
ggggatgcag	cttcaagccc	agtgccccag	gtctccctgt	taactgcagg	aatgccaagc	2340
acctggccag	agcagcccag	ccccaatatg	cttaggagga	gacagagtcc	cctctgtata	2400
gcctctggga	caagaaaaag	aaaacacaag	aatgtataca	ctggaagatt	tgggcctcct	2460
gcctgccttc	tctttgtttc	tgttcctctt	cccatctact	cccctacgcc	ccttcaacct	2520
tttttctctg	tctgcttcac	ctgagaagaa	agtgtatgaa	gagagtgtcc	tcctctcgca	2580
tgagcccaga	tcagcccaga	aaatgccaac	acttggaaga	gttaaagtc	tggtcagtga	2640
agatttccag	cccaggcctt	ttgcctgcaa	agtgaccctt	gtggcaaaca	agtggattcc	2700
tcagacatga	tactctcatc	atatttgcaa	ctcttctctc	tctttccttc	ccccacacc	2760
caagaggagg	attggtggta	gggggcaggc	agaggggggtg	gggagaagtt	tcctgggctc	2820
catcaatggc	tgcatctttt	ctggactcag	cagtctcctt	gattccatgt	agagtgttgg	2880
aaaggagtgt	ctgattgcat	ttcctctcat	taacaattgg	gtgtgtaata	aaaagcattg	2940
gtacttcatc	ttaaatcact	ggtaaggctc	agcctacaga	aagataaaaa	atggccagag	3000
ccaatcgctt	ggtgcattct	gcgtaatggt	ttccatctcc	gatttctcca	tcagggcctg	3060
tgaataccca	ggtgcctgta	tctttgccaa	gaccgtgatc	aaggtagctt	taagagagat	3120
ggtcaggaga	aaacactgtt	tttgtttttt	ttgttggttt	gttttggttt	ggccagttaa	3180
atatcatctc	tcaaaatatt	gatctcaacc	gtgtcaacct			3220

<210> 8460
 <211> 1066
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1067)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (124)...(617)
 <223> similar to gi4699967 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8460						
cggacgcgtg	ggctctgtgc	ctgctgtttc	ctgctgggaa	gaaggaaagc	cagtgatgct	60
ggcttgaggc	tgtagtggga	ggcccagcgg	attgtgagaa	gccagcccgg	gcagtgagtg	120
tggatggctt	ggcaggtgag	cctgctggag	ctggaggacc	ggcttcagtg	tcccatctgc	180
ctggagggtc	tcaaggagtc	cctaattgcta	cagtgcggcc	actcctactg	caagggtctg	240
ctggtttccc	tgtcctacca	cctggacacc	aagggtgcgt	gccccatgtg	ctggcaggcg	300
gtggacggca	gcagctcctt	gcccacgcgc	tccctggcct	gggtgatcga	agccctgagg	360
ctccctgggg	accgggagcc	caagggtctgc	gtgcaccacc	ggaaccgcgt	cagccttttc	420
tgcgagaagg	accaggagct	catctgtggc	ctctgcggtc	tgctgggctc	ccaccaaac	480
caccgggtca	cgcccgntc	caccgtctgc	agccgcagta	aggaggagct	cgcagccctc	540
ttctctgagc	tgaagcagga	gcagaagaag	gtggatgagc	tcatcgccaa	actggtgaaa	600
aaccggaccc	gaatcgacgg	gagtgcctct	tccctctgcc	cctgcctggg	accggccacc	660
ttcactttcc	tgtagagctc	agttctcatt	ggtcctttac	agaaaacat	gccttcata	720
taaagccaga	actcaaagca	ttccggggcg	gggtggggaa	agcgcaaata	ctctcagggg	780

aattcaaccc	agttgtcggt	aggactggct	ccaagttggc	ttttgccctc	tgtgtccttg	840
agactgagat	aaccaggac	ttgagtctcg	ggggtaaaca	gctgaaagca	tgggcgtgac	900
tcctccgccc	ctgtgccacc	tgtgtctgct	tgaccttgcc	agcctgtcat	ggtgccctcc	960
cagtacctgg	gtgcgcaggc	gtggagaggc	tggcagccct	gggccctggc	tgatctcctg	1020
aactgagagg	cacatggggc	tgggacgcat	agtgccccgg	ccctgg		1066

<210> 8461

<211> 623

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (405)...(136)

<223> similar to gi4150929 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8461

tttttttttt	ttaatgagaa	caggatatga	tttatttatg	acgaccatat	gtgtttgatg	60
cccaattgca	gcaggttgtg	gcttctcttg	catatcttgg	tctgggatga	cctatctact	120
cagtgtgtcc	catttcagggt	accgtatttc	catgcttctt	tattaagcct	cataacctcc	180
ctgctttttc	cacctctctt	tccagcctct	tctaaatcta	cattgtcgga	gcagtgtaat	240
ttggcggcgt	cgatccagga	ggaccagggt	ttgccagaa	acgcctccgg	actgggcact	300
ttgcgatcca	gtgtcgccat	tgtcttctct	tcttggttgc	ttttccctgt	tccttcggca	360
gctgcagccg	agagacacgg	gattcgagaa	cgctccgacg	tcctcttcgg	aacgttccga	420
cattgagtgt	tctggaggac	tttggaccat	ggagattctg	cagttggttc	tctaggagct	480
gaaaccagtg	ggtagatgtc	gttctgaaac	gcagggtgagt	ttggagcgcg	acgagctacc	540
ttcccatctc	aggctgcggg	gcgtgcaaaa	ctcaaaagtt	agggcccccg	gacccccggg	600
ttccccgcgc	agagcgtatc	tcc				623

<210> 8462

<211> 966

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (291)...(843)

<223> similar to gi30775 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8462

gtccgcaatt	cccgtgtcga	cgatttcgtg	gtaaaggctg	atacttccca	ggacgcggag	60
------------	------------	------------	------------	------------	------------	----

gtaacggggcc	agggccaaag	cgacttttcgc	tacttgggatt	ggtcggcgta	gctttgggcg	120
gccggacctt	ataaagtcac	acatctgcgc	gcctgtgcgg	cccctgcttc	tgcggatgct	180
gaggcacgta	aaaaaatttg	aagaaggga	tttcgcggca	ttcttggcct	ggcttcctgg	240
cgtagccagc	aagttcggag	gtgttaaccg	ctgctgtcat	gtttcttttg	ctaaactgca	300
tcgtcgctgt	gtcccaaaac	atgggcatcg	gcaagaacgg	ggacctgccc	aggccgccgc	360
tcaggaatga	attcaggtat	ttccagagaa	tgaccacaac	ttcttcagta	gagggtaaac	420
agaatctggt	gattatgggt	aggaagacct	ggttctccat	tcctgagaag	aatcgacctt	480
taaaggatag	aattaattta	gttctcagca	gagaactcaa	ggaacctcca	caaggagctc	540
atthtcttgc	cagaagtttg	gatgatgcct	taaaacttac	tgaacgacca	gaattagcaa	600
ataaagtga	catgatttgg	atagttgggt	gcagttctgt	ttataaggaa	gccatgaatc	660
acctaggcca	tcttaacta	tttgtgacaa	ggatcatgca	ggactttgaa	agtgcacagt	720
ttttttcaga	aattgacttg	gagaaatata	aacttctgcc	tgaataccca	ggtattctct	780
ctgatgtcca	ggaggggaaa	cacatcaagt	acaaatttga	agtatgtgag	aaggatgatt	840
aatatgaagg	tgttttctgg	tttaagttgt	tccccctccc	tctgagaaaa	gtatgcattt	900
ttacattaga	aaagggactg	tattgcggcc	gctgtagagg	atacaaacag	tcgtacgggt	960
gcacgc						966

<210> 8463
 <211> 850
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (75)...(523)
 <223> similar to gi3043445 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8463						
ggacgtagcg	tcgccgcgcc	aggthttttag	cagctgccgc	tgagccgcgc	gacggacgct	60
cgtcttcgcc	cgccatggcc	gagagcgact	gggacacggg	gacggtgctg	cgcaagaagg	120
gccctacggc	cgcccaggcc	aaatccaagc	aggctatctt	agcggcacag	agacgaggag	180
aagatgtgga	gacttccaag	aaatgggctg	ctggccagaa	caaacaacat	tctattacca	240
agaacacggc	caagctggac	cgggagacag	aggagctgca	ccatgacagg	gtgaccctgg	300
agggtggcaa	ggtgatccag	caaggtcggc	agagcaaggg	gcttacgcag	aaggacctgg	360
ccacgaaaat	caatgagaag	ccacaggtga	tcgcggacta	tgagagcgga	cgggccatac	420
ccaataacca	ggtgcttggc	aaaatcgagc	gggccattgg	cctcaagctc	cggggaaagg	480
acattggaaa	gcccatcgag	aaggggccta	gggcgaaatg	aacacaaagc	ctcgaaatca	540
gtgcgctcca	gctgatctcg	ttccgcccgt	tcccccttgg	cgccagttcc	gttctcctca	600
cgggcccgaac	ggaacaaggg	gtccagcttg	cgggggaccc	tccccagccc	attcctgctg	660
tcaaacaac	aaaaccttgc	tcgtgccgaa	ttcggcacga	gggaacagaa	cctttgatga	720
gagcgttcac	agggacactg	tctgggggtg	cagtgcagc	ccccggcctc	ttccctggga	780
acctctgaac	tcctccttcc	tctgggctct	ctgtaacatt	tcaccacacg	tcagcatcta	840
atcccaagac						850

<210> 8464

<211> 3026
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (453)...(1808)
 <223> similar to gi3080434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8464

ggaattctcg	ggtcgacgat	ttcgtggcgc	gggcgaggat	ggcggcggag	aacgaggcca	60
gccaggagag	cgccctgggc	gcctactcgc	cagtggacta	catgagcatc	accagcttcc	120
cgcggctgcc	cgaggacgag	ccggcgcccc	cggccccgct	gaggggcccgc	aaggacgagg	180
acgcctttct	gggagacccc	gacaccgacc	cggactcctt	cctgaagtct	gcacggctgc	240
agcggctgcc	atcgctcgctg	tcggagatgg	gcagccaaga	cgggtcgccg	ctacgcgaga	300
cgcgcaaaga	cccgtttctcc	gcccgcagcgg	ccgagtgtctc	ctgccgccag	gatgggctca	360
cggtcacgtg	cacggcctgt	ctcaccttcg	ctaccgggtgt	caccgtggcg	ctggtcacgc	420
agatctactt	cggggacccc	cagatcttcc	agcaggggtgc	cgtgggtgacc	gatgctgccc	480
gctgcacttc	actgggcac	gaggtgctca	gtaaacaggg	atcttctgtg	gacgcagcgg	540
tggcagcagc	cttgtgtttg	ggtatcgctg	ctccacacag	ttctggcctg	ggcgggtgggg	600
gcgtgatgct	ggtacatgac	atccgacgaa	atgagagcca	cctaattgat	ttccgggagt	660
ccgcaccagg	ggccctcagg	gaagagaccc	tgcaaagatc	ctgggagacc	aagcctgggc	720
tcttggtggg	ggttcccggg	atggtgaagg	ggctacatga	agctcaccag	ctctatggca	780
ggctgccatg	gtcccaagtc	ctggcctttg	cagcagctgt	ggcccaagat	ggcttcaacg	840
tgaactatga	tctagcccgt	gccctggctg	aacagctgcc	acccaacatg	tccgagcgct	900
tccgggagac	gttccctgcc	tcgggcccgc	cgcactacc	tggctcgttg	ctgcatcggc	960
ccgacctggc	tgaggtgctg	gatgtacttg	gcacctccgg	cccggtgcc	ttctacgcag	1020
gtggcaacct	cacactggag	atggtggccg	aggctcagca	cgcagggggg	gtcataaccg	1080
aagaggactt	cagcaattac	agcgcccttg	tggagaagcc	tgtgtgtggc	gtgtacagag	1140
gccacctggg	tcttagtccc	ccacctccgc	acacgggccc	tgcctcatc	agtgtctctca	1200
acatcctgga	gggcttcaat	ctcaccagcc	tggatatccg	agaacaggct	cttcaactggg	1260
tggcagagac	cctgaagatt	gcattagccc	tggccagcag	actgggagat	cccgtctatg	1320
attctaccat	cactgagagc	atggatgaca	tgctcagcaa	ggtggaggcc	gcctacctcc	1380
ggggccatat	caatgactcc	caggcagccc	ctgccccact	cctgcctgtc	tatgaactag	1440
acggagctcc	cacggctgcc	caggtgctga	tcattgggacc	tgatgacttc	attgtggcca	1500
tggttagctc	cctgaaccag	ccctttggca	gcggccttat	cacccctcgc	gggatcctgc	1560
tcaacagcca	gatgctggac	ttctcctggc	ccaaccggac	agctaaccac	tctgcaccca	1620
gcttgagaga	ttcagtgcag	ccagggaagc	ggccactctc	tttctgtctg	cccacagtgg	1680
tccgaccgcg	ggaggggctc	tgtggaacct	acctcgctct	ggggggccaat	ggagctgcgc	1740
ggggcctcag	cggcctgaca	caggtgaggt	ttacgccatg	gttggccttt	ttcagccggg	1800
agccaagctg	tggcctagac	tgcagatgcc	tgtcatatct	gtggcttggt	tccattcctc	1860
atgcggcaaa	catgggctga	ggctgttttg	tgccaggcgc	atcctgggca	atgtggacat	1920
gggctgcgct	gagtttctta	gtgaaaatgg	agccctgatg	ctccctgtct	tttccggttg	1980
caggggaaat	ggcagggctca	gtagattgaa	aagtgggggt	agcatctggg	tggcctgggt	2040
tctgttaacc	tcaagtccca	ttatacctct	accagcatc	tgaatagaca	accagccctc	2100
tttaggggtg	gatttgaaag	gaagggcctg	cttttctcca	gaacacctca	gaatggctcc	2160
atgaatgtct	tgagaacctg	atatatatgc	caggcaccta	ttttggcagg	tgggtgagtta	2220
acgatcttaa	gttctggaat	cagacactcc	tgggttccgg	cccaagtgt	accaatttgt	2280
aactgtgtga	tgctggagca	ttcacttaac	agctctgaac	ctcagtctct	tcacttttaa	2340
aatggaaata	ataacaatag	ctaacattta	aagagttcgt	actaagtgt	gggcactgtg	2400
ttatgtgtgt	taaccatttt	aaccttccca	gttctggaga	gaatccttat	ttctatttta	2460
tagataagga	aaccgaagcc	cagagagggt	aagacttttag	gtcaagtacc	ttcagcttag	2520
aaagagcagg	gaggcagttt	ggttccaaga	agcctacgca	cactcctaac	cactaagtta	2580

aaagcaccca	acattgtgcc	cctaagacca	actccctagc	tattaacctt	gcccctatcc	2640
cagagagaaa	agaagggagc	cccgggctag	attaaagaga	cttgggttcct	agtgggtgtat	2700
cttcccctgg	cttcctctaa	actctggagt	aagtcatttt	ccttgctgga	cttcactttc	2760
cctctctgtg	aaatggaaac	agtcatgcac	aggcctgcct	gttctttcca	ggggctgtta	2820
ggaggctcag	atgacacccg	gtgtaaggaa	ttcttcaaga	cttaagggag	cctggggacca	2880
agggtggagg	agcttgaggg	attcctggga	ccattcaccc	ctggggacag	ccctggattt	2940
ttttgttac	cttgggttac	cacaggttct	gctgaatgtc	ctgaccttga	accggaacct	3000
gagtgcacgc	ctggcccgcg	gccgct				3026

<210> 8465
 <211> 1061
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (61)...(663)
 <223> similar to gi5102588 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8465						
gtccagggca	tcacctccta	ccagcagcgt	ttacaagcat	tgagaaagga	gaaatcccga	60
gatgctgctc	gctcccgcgc	gggaaaagaa	aactttgagt	tctatgaatt	ggccaagttg	120
ttgcctcttc	ctgcagccat	taccagccag	ctcgacaagg	catccatcat	tcgacttaca	180
attagctatc	tgaaaatgag	ggactttgct	aaccaggggg	accctccgtg	gaacttgcca	240
atggaaggcc	ctccacctaa	cacatcagta	aaagttatag	gtgcacagcg	aaggagaagc	300
cccagtgcac	tagccattga	agtatttgaa	gcacatttgg	gaagccacat	tttgcagtcc	360
ctggatggct	atgtatttgc	actaaatcag	gaaggaaaat	ttttgtacat	ttccgaaaca	420
gtctccatct	acctaggcct	ctcacaagtg	gagctgacag	gcagcagtgt	ctttgactat	480
gtccaccccc	gagatcacgt	ggagatggct	gagcagctgg	gcatgaagct	ccccccctggg	540
cggggtctcc	tgtcacaggg	cactgctgag	gacggagcca	gctcagcatc	ttcctcctct	600
cagtcggaga	cccccgagcc	agtggtttgc	ttcccaccag	cgagtgatca	gtttcttctg	660
taggacccct	gtcaggaaga	acatgcctgg	atcctacttc	agagagaact	cagccagggc	720
aaggggctcc	tgtggctttt	tgggtgggtg	tgagttcata	gaggggaaaa	tcaatactgt	780
accaggattt	agacaattta	gcaaaatgca	cgaggcagta	ctttggatga	tgaataacta	840
cagctgcatg	gctaaccocat	tggttgtgta	aagtatgggt	tatcatgttt	tgtctaaatt	900
ttcaggcaaa	atctagcctg	ttttgtggca	ttaggatcat	cattatagta	gtatgatttt	960
tatgctatta	tacttacgct	atgtcccga	tgtttttaag	gccagcaaaa	tggaaacagt	1020
agagtacttg	cctgaatgca	aataaacttc	agtttcaact	t		1061

<210> 8466
 <211> 952
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (458)...(750)
 <223> similar to gi387113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8466
 gggcccggt gtggtatttt tggagttaat ggagtcagaa ggacctccag agtcagagag 60
 gtcagaatth ttctcacagc ggggaagagga aaatgaagaa gaagaagccc aagaaccaga 120
 ggaaacaggc cctaagaacc ccctttttaca acctgctctc acaggggatg tagaggggtt 180
 gcagaaaata tttgaggatc ctgagaatcc tcatcatgaa caggccatgc agcttctctt 240
 agaagaagac atcggtggga gaaatttggt gtatgcagct tgcattggctg ggcaaagtga 300
 cgtgattaga gctttggcaa aatatggtgt gaatctgaat gaaaaaacca ccagagggta 360
 cacactctta cattgtgctg cagcctgggg tcgtttggaa actttgaaag cactggtaga 420
 actggatggt gatatagaag ctttgaactt ccgggaagaa agggctcgag atgttgctgc 480
 tagatattct cagactgagt gtgttgaatt cctggactgg gcagatgcaa ggctgactct 540
 gaaaaaatat attgcaaaag tctcttttagc tgttactgac acagaaaagg gatcagggaa 600
 actccttaag gaagacaaga ataccatcct cagtgcattg cgtgcaaaaa atgagtgggt 660
 ggaaacccat acagaagctt ccattaatga gctttttgag cagagacaac aactggaaga 720
 tattgtgact cctatcttca caaaaatgac tacaccatgt caagtgaata gtgccaaatc 780
 tgtaacaagc catgaccaga agagaagtca agatgatacc tccaactgaa catacgttct 840
 gtaaaaggcc acattttctt ttagtatctg aaaggcaaac ctattcatgc catttgaaat 900
 cgagaaaaca gatgtggggt tctttaagta ttttaagtaca acattacatc gc 952

<210> 8467
 <211> 591
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (95)...(248)
 <223> similar to gi4102195 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8467
 gggacgggcc agcgggtgcac aagaagagac cgaggcgggt ggccccgaga gagccagggc 60
 catggaggcc aacatgccga agcgaagga gcctggcagg tctctccgca tcaaagtcac 120
 ctccatgggc aacgccgaag tggggaaaag ctgtattata aagcgatact gtgagaaaag 180
 atttgtgtct aaatacctgg caacaattgg aattgactat ggagtcacaa aggtacacgt 240
 cagagacaga gaaatcaaag ttaacatctt tgatatggct ggacatccct tcttctatga 300
 ggtaagaaag cctttttgac aaaacctata tccagtattg ttggtgggtt ggggagagat 360
 ccagaattat atgaaacaac caatattgat atcatgtgta aaattgcata attttagctt 420
 gatcgtggct tgccttcaga gccttgagtt aatagacaac tgttgatttt ttaggttatc 480
 ctgttaaata gtggtaggaa atttcattgc caatatttca aacatttcaa taagacattt 540
 tgactttcag aggacttttg ctttttacct catactttag cctaaaatgt g 591

<210> 8468
 <211> 998
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (993)...(550)
 <223> similar to gi3513302 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8468
 tttttttttt ttgcttttta atgttcttat ttatttaa atgaaaaaac atttcatctc 60
 ttcccagttc atctgaaagg aggtcccctg ggtaaacata ggaaagcagt tctgcaggct 120
 catgaaggat gctcggctgg aggtcggggg gagcatggct gctttcccca gcatagcccc 180
 catgttcccc accctctttg tgccccggat ctgcatcct gagtccagaa gagctcagca 240
 ggaagtggga actgagaagc tgttgggagc caggagggcc ctggaccctc tgttctctgc 300
 cccagggctt cagccaccct gcaagcccct ccggacaagg caacgtcagc ccaggtagaa 360
 aacttaagag tccctcctag aaaaccagtg atgtgctggc cctttcaggg acacaggccc 420
 cttcagcttc accggagatg agaaggtgcc acccgcaaca gggctgctgg tcacagctca 480
 gtgcgcgatg ccttggccac aatcaccagc ttggacagct cagctttgaa tgccccgggc 540
 ctgtgagcca ctgctgtttt ggtcacttca aattcctcag ttttcagagg gacatcactt 600
 tccctttcaa atgcggcttt agagtaggcc atggcgact caatctcagc gccccgcacc 660
 tctgccttga actgtgtgaa gtacagatag gacttcccct ggggcctcca gatggtgcag 720
 gtgaagtgtc ggtggtcttc gctggtcccc agactcatct gccattgctc attggtccct 780
 ccttgagagg cgtaagtga catacacgta tatttgtccc ccggggccac gttatgggag 840
 aaggaatgca cgacgccgcc gggccgcacg tcaaacgcca ccgtcgtggg ctcggacacc 900
 gcctccgcgc gcctcagcgc cacggcccct aggagcagcg cggcccacaa gctcgcgcgcg 960
 acgcgcgttc accctccgct gggcgccgcc atgttgga 998

<210> 8469
 <211> 2428
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1844)...(1405)
 <223> similar to gi3875272 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8469
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 taagaaaaaa atcaaacttt tctgagcagg tgattaagct gaaaacaacc aattaaaacc 120

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accacttttt aagtgcacct tggtcacaaa tgtcaaaatg tttccacacc ctttccaccc 180
tcaaacaaga gacaaactgt ttttgataaa ctctagtatt tattaaatta taaattttgt 240
aatcaaaaag aaaaatgcag accaaaaaaa cctcaaacta taagactaga cagcaaagcc 300
tatgggaaca ccatgaagtg tgttacaaac attctgaaac ataagttact ggctgttttc 360
atttccatct caataacttt actataaaat agttgttatt catctatttt gaaatcccaa 420
attcacatct attcatacat taaattatgt ttctgttca taatatcaaa catctcacag 480
gtgccaat ttagtaatgg tcttatgcca atccatgcag aaaaataaga cacaatgcag 540
gagtcagatg aggaccatta atgcacagat aatacaaaaca cactggccaa aagaactaca 600
gaagttttta aaaagtataa agtaaacaga cctcaagaaa actgggttat tactaaacag 660
ctctcaacta ttaacaccca agttccttac attaaataaa tttctcaaca gagacatggt 720
agacatttta attatgagtc tatccttccc atacccttc ccacccaac tcccaaatg 780
cactactagg gatgagtata atgttatgtg ggcagaaatt tacaggtaac cctttcaacc 840
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gccttctaga tctgacactg acactcactg ttccaccccc tgctactgat cgatcagttc 960
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cttcataata ccatgcatat tcaccatttc ctctacttgc tgccttgagt tcttctggtg 1680
acaacaaggt tggcttgtca aggaaatcct cgggaatttc ttgtcgacaa agagcacacc 1740
gctttccaag ccatgaagct ccttttacac atagatagca gaaaacgtgc ttacagggca 1800
gactgactgg atgaacacat gtttgcagac aaatggcaca ttacagggac gttaaagaag 1860
gtgcagtatt agaacaggac tcgttcgctt tcctgtttgt aggaagcatg tttattgaat 1920
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tggaacaaaa aagtgttttg taatcactaa agcttcataa aggttaacaat catataagac 2040
caaaggagaa aataacatga atattgaaga tcccatttct attacagatc ccacagatgc 2100
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tctccccgag tgaggatcct agagtggcgg gcgttcaccc tgctcccccg agagggcctc 2340
gctccgactc ccacctctcc ggccacagct gcggccacct cgcagctctt tctctctggc 2400
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<210> 8470

<211> 1884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1608)...(192)

<223> similar to gil504042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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<400> 8470
tttttttttt ttaatatga aaaaatacaa ttaaattttt attaaaaata catactcctt 60
acgcgatctt tgtgtacatt ttgtgtgaaa aggaaaaaaa aataggaaag gcattaagac 120
tacctaatta tttatactgt atttggtaga agcgtgtttc agtcaaactt taacgaaaaa 180
taagttattc tgttttcatt tgctcccga cgtcagaagg cagagtttca aacagagcat 240
cttctacaac taaaccagct cgcttcagag cccgacagtc acccagttca ggagggagga 300
tttcaaagtg attacctttt ccatctaagt aggaaagaaa tagcaaattt ccaattttcg 360
gtgaaagtac agataggctg ttttttccaa tcttcagagt tttaagtttc ttgcagaagt 420
agagttcatc tggaaggctt tccactttgt tacatgtgat ggaaaaatac tgtaaacttt 480
gtagaactcc aatttcaggg gggataaatc gaatgtcatt gtacgataag tccaagtatc 540
ggatcttggt gcataggaag aggtgggaag gcagcacctc tattttattg tgactaaagg 600
acaggcggtc caggtctgtg agtttcttta tatgctctgg gatgtaggtg atgctgttat 660
gccacagttt tagcactgtc aactttctta agtgtgaaa gctaacgatt tcttctatag 720
atctcagatt gttttccttc aggtccaatt cctggaggct gagtaggctg aacacagcat 780
gaggaatacg ctccaggtca cagtggacca gctccagctc tgtcagattg gtcacttct 840
ttaagttggt gagcatcacc agcttggtgc catcattatg tatgcacatc ttctggagat 900
ggctggaaac atcaaccact gcctgaggga ttttggaaac gttgcttttg atagagagaa 960
ttttaaggct tttgagatcc cgcagagact caagggtgac atttctggaa atatcatgac 1020
ttagagagcc aactaggtac agctcttcca gatttcggag ccatacatc caggggggga 1080
gttccctcat gtcatacaac ttgacgtca agaccttgag gttttccttc aggaaagaga 1140
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gctgtgcaat ggtggctggt atcattacgt tcttaatgat ttcaagtttt agagattgca 1260
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gtcgattatg ggcatttgc tgtagcttct gcctcagttt atcaggagtc cattcgttat 1380
ttaagttcag ctgctttaat ttgttttcac tgacttcaga caggaacact gcaaatctct 1440
tggaatagag agggtcatac tgatctatca tatgaagcat aaaagcaaag tcatttttca 1500
catctggaat atcatcaaat ccagtctcct gacggacata ctcaaaggaa tattccgta 1560
gagaacggta gaacagccag tataagggtat aaaggcacgt caatccatag atactaacia 1620
agcacagata gcaaaaggac agttttgaga acaagtgtgc catggtatga ttgcaagaaa 1680
agtttttata tccagtcatt tctgaatgt ccacattaca gtccactgta aactggacct 1740
tggaaccag agcactatta tatgcaatga tgattaggaa tttgataact ttaagtacag 1800
tctggcgaa atacatggca tatagaatat caccttcttc cacatgcagc ctgaacttct 1860
tcaccttctc aaataaggcc ttag 1884

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<210> 8471
<211> 2718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (668)...(1199)
<223> similar to gi4324682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8471
tttcgtgttc tgccgctact ggctgtacgg agcaggagca agaggtcgcc gccagcctcc 60
gccgcgcagc ctgcgttcgtg tccccgcccc tcgctcctgc agctactgct cagaaacgct 120
ggggcgccca cctgggcaga ctaacgaagc agctcccttc ccacccaac tgcaggtcta 180

```

atTTTgGacg	ctTtgcctgc	catttcttcc	aggTtgaggg	agccgcagag	gcggaggctc	240
gcgtattcct	gcagtcagca	cccacgtcgc	ccccggacgc	tcggtgctca	ggcccttcgc	300
gagcggggct	ctccgtctgc	ggTcccttgt	gaaggctctg	ggcggctgca	gaggccggcc	360
gtccggTttg	gctcacctct	cccaggaaac	ttcacactgg	agagccaaaa	ggagtggaaG	420
agcctgtctt	ggagattttc	ctgggggaaat	cctgagggtca	ttcattatga	agtgtaccgc	480
gcgggagtgG	ctcagagtaa	ccacagtgct	gttcatggct	agagcaattc	cagccatggT	540
ggttcccaat	gccactttat	tggagaaact	tttggaaaaa	tacatggatg	aggatggTga	600
gtggTggata	gccaaacaac	gagggaaaag	ggccatcaca	gacaatgaca	tgcagagtat	660
tttgGacctt	cataataaat	tacgaagtca	ggtgtatcca	acagcctcta	atatggagta	720
tatgacatgg	gatgtagagc	tggaaagatc	tgcagaatcc	tgggctgaaa	gttgcttgtg	780
ggaacatgga	cctgcaagct	tgcttccatc	aattggacag	aatttgggag	cacactgggg	840
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gtgtcataac	atgaacatct	gggggcagat	atggcccaaa	gctgtctacc	tggTgtgcaa	1080
ttactcccca	aagggaaact	ggtggggcca	tgcccttac	aaacatgggc	ggccctgttc	1140
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agtccatgac	acccatgtcc	ggacaagatc	agatgatagt	agcagaaatg	aagtcataag	1320
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tggcagtgtA	cattatgaaa	tgcaatccag	catctgtaga	gctgcaattc	attatggTat	1500
aatagacaat	gatggTggct	gggtagatat	cactagacaa	ggaagaaaagc	attatttcat	1560
caagtccaat	agaaatggta	ttcaaacaat	tggcaaatat	cagtctgcta	attccttcac	1620
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tacagaatcc	tccaggagga	aaggcattca	gagtgtttgc	tgttgtgtga	aactgaatac	1980
ttggaagagg	accataaaga	ctattccaaa	tgcaatatTT	ctgaattttg	tataaaaactg	2040
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aaatcttgat	aaacaaagtc	tataaaaata	aacatgggac	attagctttg	ggaaaagtaa	2160
tgaaaatata	atggTtttag	aaatcctgtg	ttaaatatTg	ctatatTTtc	ttagcagtta	2220
tttctacagt	taattacata	gtcatgattg	ttctacgttt	catatatatt	atggTgcttt	2280
gtatatgccA	ctaataaaaat	gaatctaaac	attgaatgtg	aatggccctc	agaaaatcat	2340
ctagtgcatt	taaaaataat	cgactctaaa	actgaaagaa	accttatcac	atTTtcccca	2400
gttcaatgct	atgccattac	caactccaaa	taatctcaaa	tgaattttcc	acttaataac	2460
tgtaaagTtt	ttttctgtta	atTTtaggcat	atagaatatt	aaattctgat	attgcacttc	2520
ttatTTtata	taaaataatc	ctTTaatatc	caaatgaatc	tgttaaaatg	tttgattcct	2580
tgggaatggc	ctTaaaaata	aatgtaaata	agtcagagtg	gtggTatgaa	aacattccta	2640
gtgatcatgt	agtaaatgta	gggttaagca	tggacagcca	gagctttcta	tgtacctcgg	2700
ccgcgaccac	gctaaggg					2718

<210> 8472

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (750)...(1672)

<223> similar to gi2622601 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8472
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gggaaaaaatt acagtatttg tggaagtcta ctctgaatct cccagaagat cttttgaggg 120
ttcctgatga gtcactcttc ttaaatagtg gtggagattc cttaaagtcc atccggctcc 180
tcagtgagat tgaaaaactt gttggtacat cagtacctgg gcttctggaa attattctca 240
gcagttccat tttagagatt tataatcaca tccttcaaac agtgggtcca gatgaagatg 300
tgacattcag gaagagttgt gccacaaaaa ggaaactcag caacattaat caagaggaag 360
ccagtggaac atctttacat cagaaagcca tcatgacttt cacttgccac aatgagatta 420
atgcttttgt tgtactgagc agagggagtc aaattttgtc tctgaattcc actaggtttt 480
taacaaagtt aggacattgc tcttcagcct gtccttctga ctcagtttca cagaccaaca 540
ttcaaaattt gaaaggctta aattctccag ttcttattgg gaagtcaaaa gatccatcct 600
gtgttgcaaa agtttctgaa gaggggaaac ctgcgatagg gactcagaaa atggagttac 660
atgtgaggtg gaggtcagac acaggcaaat gtgtagatgc ttcaccgctg gttgtaatac 720
ccacttttga taagtcatct acaactgtgt acattgggtc ccattctcat agaatgaagg 780
cagttgactt ttactctggg aaggtaaaat gggaacagat tttgggagat cgaattgaat 840
cctcagcatg tgtatctaag tgtggaaact ttattgtggt gggctgttat aatggattag 900
tttatgttct gaaaagtaat agtggagaaa aatactggat gtttactact gaagatgctg 960
tcaaaagctc ggcaaccatg gatccaacca caggactcat ttacattgga tctcatgacc 1020
agcacgcata tgcttttagat atttatagaa agaagtgtgt ttggaagtca aaatgtggag 1080
gaactgtcct ttctctccg tgtttgaacc tgattccaca tcatttgtat tttgctacat 1140
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cccatgattg ctttatctac tgttgtaaca tgaaaggatc cctgcagtgg aaatttgaaa 1440
ctacttcaag ggtctatgca acaccgtttg ctttccataa ctacaatggc agcaatgaaa 1500
tgttgctggc agcagcatct actgatggga aagtgtggat cttggaatct cagagtggac 1560
aattgcaaag tgtttatgaa cttcctggag aagtcttctc ttctcctgtg gtccctggaat 1620
caatgctcat tattgggtgt agagataatt atgtttattg tctggattta ttgggtggca 1680
atcaaaaata atcaaataca gtccttattt gtataacaaa tgtgagatat ttgaaaatat 1740
tttaccatta tacatcatgt ggacttattt tatattaaag aagattatat tttggctaag 1800
aaaaaaaaa 1810

<210> 8473

<211> 1521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (978)...(543)

<223> similar to gil79304 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8473

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tatgaaacag	actgataacg	ctgagctggg	caggcccagg	ccagtctagt	acaaagttaa	120
ggaggtaggg	aggatggtgg	ggaggagggg	gcggactacc	ctgcaggacg	cgggaggctg	180
ctcagactgt	ggtgatgtca	ggaagggccg	cacacttttg	catggacgat	gcactaaaaa	240
aagagaaaag	gaatttctaaa	tccctcttaa	ccagctggag	agggaaaggac	gcagggccag	300
ggtggggaca	agtgttggct	tcggaaggct	ctgagtgggtg	gggccggaat	gtaccatgtt	360
gtagcaatg	gggttgggat	gggtggagaa	gggccaaaagt	gagctgtgcc	atgcaatgaa	420
gggacagagg	aggaccacag	acttggccag	cagagccggg	gcaaaaagtct	gggaagggga	480
gggaaagaga	gagggactgg	gtcccaaggc	aagaggaagg	cagggggagg	gtcagaggtc	540
agtccttgaa	gacaatttgt	tggccatgag	gacgctcgtc	gtgggtgata	tggcgccgga	600
catggatcct	gcggacacgg	tgtctctcgt	tctcttcac	ctccccgcgg	ccagccccac	660
cagctccagc	tgtctcccc	gtggcctcca	ggagggctgg	gtctggggcc	cggggagtct	720
cgtagatgag	gatgttcagg	gtctcctcga	agatccgggc	ctctggaaat	tccaccttgg	780
tctgcttctt	ctccgtagca	tagacaatgg	aggtgcagca	cacctcggcg	attttgcggc	840
cctgcccgtg	gaaagaccag	cagcagatct	cgtccccccag	gacatccttg	aggaagagta	900
gccgcccgtg	gaagcgcagg	gccagcttgt	cgaacagctc	gatgttctta	agtaggttgt	960
catctgaagt	gctggggacc	aggggaccag	gaggcctcag	cgcagttggc	acccctccct	1020
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tgggtgctcaa	cagagagcct	cctccacccc	tggggccagg	ctaaacgggt	ctcagaaggg	1140
aagccacatg	cgctgagcaa	atcccagcac	agcacagcac	agcagctcca	gtgagggacc	1200
gggagccagg	ccacctcccc	gggggtcctg	ggtgtcccca	ttttttaact	gggtgacact	1260
aggcaagtta	cttcacctct	tgggtgtccc	acctcctcat	ctgtaaaatg	gagctcacaa	1320
cagtactgac	ctcaaggggg	aggactctgc	cagttcctag	aatgagagca	cttgggatag	1380
gctcgccact	atcactttgt	cctcacccaa	acccatttac	tgatgactga	gctgaagctg	1440
agaagcagaa	aggacctgcc	tagagcgtca	ggggtaagag	gcgaagccga	atctgcgagc	1500
aggcacagat	gttctttag	g				1521

<210> 8474
 <211> 1655
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1182)...(1499)
 <223> similar to gi5912023 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8474						
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cattgcaagc	acttctagat	gtaccttggc	ccagatcaaa	aattggcagt	gatcaggact	180
cgggtataga	attgctgaat	gttctacatc	gagtaatttt	aaccagagaa	tcaccttcca	240
ttcagttggc	ttcacttgaa	gtggtaaggc	agattatctg	tgctgctcaa	gaacatgtga	300
aggaaaaaag	acgaagtgca	gaagttgatg	atggggctgc	tgaaaaggaa	actctgccag	360
agtttgagga	gggaaaggac	accggaggac	ttgtgcctgg	aaagtctttg	gtctttgcaa	420
cactggaatt	gtgtgtatgc	attctagtta	gacagctccc	agaattaaac	cctaaattga	480
caggtagccc	aggagtaaaa	gctacgaagc	cacagatact	attagaagat	ggaagtagat	540
tggtttcagc	tgcattgggt	atcctttccg	aacttcctgc	agtgtgctct	cctgaaggaa	600
gcatctcaat	tctccctact	atattgtacc	tcacaatcgg	ggtcctcaga	gagactgctg	660

gggggcactg	aggtctctt	ggctgaaaaa	ttggaggctt	tgatcactca	gactcgagcc	840
aaacaggcag	ctaccatgag	tgaagtggag	tggagaggga	gaacggttcc	agtgaagatt	900
gacaaagtgc	gcattttctt	attaggactg	gctgataacg	aagcagctat	tgtccaggct	960
gaaagcgaag	aaactaagga	gcgcctgttt	gaatcaatgc	tcagcgagtg	tcgggacgcc	1020
atccagggtg	ttcgggagga	gctcaagcca	gatcagaaac	agagagatta	tatccttgaa	1080
ggagagccag	ggaaggtgtc	taatcttcaa	tacttgcata	gctacctgac	ttacatcaag	1140
ctatcaacgg	caatcaagcg	taatgagaac	atggccaaag	gtctgcagag	ggctctgctg	1200
cagcagcagc	cagaggatga	cagcaagcgc	tcaccccggc	cccaggacct	gatccgactc	1260
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<210> 8477
<211> 2318
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(1642)
<223> similar to gil78390 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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7059

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```

<210> 8478
 <211> 2795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (353)...(2380)
 <223> similar to gi3255952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8478
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gccctggggg	cctaagggat	aaatcctcgc	tctcctctgt	ctcctgggtt	aggtgatctt	360
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<210> 8479

<211> 2350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (101)...(1314)
 <223> similar to gi3766199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8479

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aaaaaaaaaa						2350

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 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5612)...(4654)

<223> similar to gi5262636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gagcctcctg	ctgaggagcc	aggagacagg	ggaccggcca	agggtcaccg	gcaatcacat	3120
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gatgttaaca	caaaaagaaa	cgaaatgggg	ggagaagctc	aaactgggca	ctctcttccc	3240
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caactaggta	atcaaaatgg	aaaaacaggg	aagctccttc	ttaggaaatc	ccccagagag	4200
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taccagtat	ccaaacgggc	tctgaggtct	caggaaaatc	ttcaaactca	gcaaaccgga	5580
gagtgtcgta	ggtcagagta	gctgcgtcca	tcttcccagt	ccggccgccc	actgaccgga	5640
gcggcgctgc	tcc					5653

<210> 8481
<211> 2992

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (76)...(1313)
 <223> similar to gi3171908 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8481

cgagcgccgt	tgtgggcccg	actccgctct	gtctgcttcg	ccaccttctc	cccgagcact	60
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ccgcccggcg	ccagcgagaa	cgagctgaag	aaggcataca	gaaagttagc	caaggaatat	180
catcctgata	agaatccaaa	tgcaggagac	aaatttaaag	aaataagttt	tgcataatgaa	240
gtactatcaa	atcctgagaa	gcgtgagtta	tatgacagat	acggagagca	aggtcttcgg	300
gaaggcagcg	gcgagggtgg	tggcatggat	gatattttct	ctcacatttt	tgggtggggga	360
ttgttcggct	tcatgggcaa	tcagagtaga	agtcgaaatg	gcagaagaag	aggagaggac	420
atgatgcac	cactcaaagt	atcttttaga	gatctgtata	atggcaagac	aaccaaacta	480
caacttagca	agaatgtgct	ctgtagtgca	tgcagtggcc	aaggcggaaa	gtctggagct	540
gtccaaaagt	gtagtgcttg	tcgaggtcga	ggtgtgcgca	tcatgatcag	acagctggct	600
ccagggatgg	tacaacagat	gcagtctgtg	tgctctgatt	gtaatggaga	aggagaggta	660
attaatgaaa	aagaccgctg	taaaaaatgt	gaagggaaga	aggtgattaa	agaagtcaag	720
attcttgaag	tccacgtaga	caaaggcatg	aaacatggac	agagaattac	attcactggg	780
gaagcagacc	aggccccagg	agtggaaacc	ggagacattg	ttcttttgct	acaggagaaa	840
gaacatgagg	tatttcagag	agatgggaat	gattttgcaca	tgacataata	aataggactt	900
gttgaagctc	tatgtggatt	tcagttcaca	tttaagcacc	ttgatggacg	tcagattgtg	960
gtgaaatacc	cccctggcaa	agtaattgaa	ccagggtgtg	ttcgtgtagt	tcgaggtgaa	1020
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cagtttcctg	aaaacaactg	gatcaaccca	gacaagcttt	ctgaactaga	agatcttctg	1140
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gatgaagaaa	gcagcagcca	tcatggacct	ggagtgcagt	gtgcccatca	gtaaactctg	1320
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cttcattttg	actgttccat	agcagaataa	agcacttgaa	aggaaaacaag	actccctttc	1560
acacatggat	tattataagt	ttcaatcctg	gtatctgtgc	ttgattttta	tcagttttgt	1620
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ttggagctga	ctgggaacaa	tggaaaaaat	tacattagct	gtggttgtaa	agtttttttg	1860
tttttggttt	tgtttttttt	ttcttttttc	tttttttttt	tttaccattt	tgggaaaggg	1920
tttttaaacc	tcgataataa	aaagcgggtg	gtgtaaatta	ttcttttttg	tcacattttt	1980
agaaggaaaa	acataaaaaga	atgtatcctt	agtactggtt	cttaaacagc	ccataaaaaac	2040
ccattggcct	gaagcttata	tctcaggcct	atgccatctt	tatagtcttg	gaagacaaaa	2100
ggctggtaga	gacagtcttc	agtggcttca	gtgatgctct	gtagaggcca	gggtgtcttg	2160
agtgtgttaa	ctcccaagca	ctgggctagc	ctgacttctg	tatctcccta	ccaccacccc	2220
cttaaaaaaa	taaggtaaca	gcaaatctat	agtaaaacca	tgtctgcata	gaacgtgttc	2280
aaatcctctg	ttttcattaa	atgtaaaaga	tgtgtctctc	attaagttga	atatttgga	2340
ttggagaagc	cattgattat	tattttgagt	ttctgtaatg	ttttatagaa	aagtaagatg	2400
cttattcaga	atttaagaat	gaaggcaact	gaaatatgca	ttgttgtagt	tatttatatt	2460
tcaaactaaa	aataagcaaa	aaaaaaaggc	tggtttgaga	aaaatcaggt	aaaattgatg	2520
aaacggaggg	gggggtttct	tttccatcat	ctggttttta	ccattttcact	cagtaggtat	2580
ttttaaaaaca	cacttatttg	aggaaaagaga	catcagatgc	acaattttac	atttataaag	2640

gaacaaatgg	ggaaaactga	aaactaaaaa	ttttaaatgt	attaaatgcc	atccctgagc	2700
ctaaatctag	tatttgtagt	ttatttctag	gtctgctaga	acctgaaaac	ctgaatgaaa	2760
aaaggtgtgc	tgacactaat	caagtcctgt	gagggtttaa	ttattgacct	atccactcta	2820
cctccattgt	acaaaaaata	ttttacaaca	agcctgggta	agattcaaca	gcatagtagt	2880
tttgtatcca	aggttacttc	cccacaacca	ctttaaacat	aagaaatgtg	gtggcaatat	2940
aaagtttgta	gcctttccaa	taaaggttta	taaaacagtt	aaaaaaaaaa	aa	2992

```

<210> 8482
<211> 983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (80)...(379)
<223> similar to gi5824468 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8482						
attagtacag	tgcggtggaa	ttcgacggcg	gtcggcgtgg	ggcgctatgc	cggggcggca	60
cgtttctcga	gtccggggcat	tgtacaagcg	cgtcttgag	ctgcaccgtg	ttctgcccc	120
ggacctcaaa	tccctgggcg	accagtacgt	gaaagacgaa	tttaggagac	ataagaccgt	180
tggttctgac	gaggcacagc	gtttcttgca	agaatgggag	gtgtatgcaa	cagcgttatt	240
gcaacaggct	aacgaaaaca	gacaaaattc	aactggaaaa	gcatgttttg	gcaccttcct	300
cccagaagaa	aaacttaatg	actttcgtga	tgaacaaatt	ggacagttgc	aggagctgat	360
gcaagaagcc	acaaaaccca	ataggcaatt	tagtatttct	gagtctatga	aaccaaatt	420
ttagtctata	caacaaagct	taataagaca	tgcaaaaatt	tagaaccct	actttaactg	480
tcattgggtt	ttgaaatata	tttaagcttt	gaaaacacct	gttattaatg	aaatactctt	540
ttattttgga	tattatgatt	gcagtatatg	gatcaagatc	actagtgaca	attgaaaaaa	600
actattggaa	taatagcact	tgtataaaat	tcagtttttg	aactaaacag	caaatttcta	660
gaattttgct	gaaaatgttt	taaaatgcta	ttctcatcca	gccatattag	tcttctggct	720
tttcttttagc	ttcatcaaat	aagcatgttg	tgataatgat	agatgtacaa	ttccaacaag	780
gttattatatt	tttaaatata	ttgtcattct	gaacatttta	tcacttctag	tttaataata	840
catacatgat	ttttcttctg	aatgtctctt	ctccctgcat	cactgttcat	tcacaatgaa	900
aggttaggaa	gaagctttaa	aattcactat	tttactatca	atcatttgta	taataaacta	960
tacaaagtat	aaaaaaaaaa	aaa				983

```

<210> 8483
<211> 1932
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1807)...(757)
<223> similar to gi4128133 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 8483

```

gaaggattaa aaatatataa tcaaattttt tttttatttt tctacagcaa aataaaaaaca 60
ttatttttaa aaagcaatat tctacattaa atacattaa atattgacaa ttttataaat 120
acaatcattt taaacagtaa acatgataaa tttctgatac aaggttttac atacgttaat 180
tgtgaaaata taaaaacttt acacacttct cttaaaaaagc attcaacggt aatcaatttt 240
acaaaattat caatttaaaa agtggttagga tatgcttcta ttttgttccc attattaggg 300
ccaatggata ggcatatcag atcttaaaaa agaaatggtg aattagggcc taagacatcc 360
ctatattgcc taaaaacgaa catttcagag actttcttag gcaactgagtt caaaaccagt 420
gaaggttgcc ttctccctag gcaccactac ccctcatggt tgtccgaatc aggagacttc 480
ttcctggcta cccttaggga gagtcttcta cacctattat ttcctagttt ctaggagaaa 540
gggtttcaga aagaattttg acatttaaat tctatgccag tactgaaact ctcccaaaga 600
ttgaggcatt ctgcatttga attttataca gaaagtcatt aatctaattc caaaagaaaa 660
gagtgcactt catttggtca ctttaattca taccacttgg cgaggtagga taactttctt 720
ctttgacaac tgtctcgact atataaatgg tgattatacc ggaaaggggt ctaatgcctt 780
ttccacattc ttccagttgt gaaaattctc tctgtacatc tcaattgttt tctttattcc 840
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aaatgcttct acaacatcag tagcataaag gaagtttctt gtttgaagcc ctgacccatg 1140
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tgtttgtgcg gcaaaatgta gtactatata ttttttctct gtttcaaaaa gcagtttcac 1560
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ttcaagattc ttcaagcttg cacagtaatc cagcttgtct agatttatga tcatatagtt 1680
tgataatct tccactaaag agacaatcat atgtgatgca atgaaaccag caccgccggt 1740
caccaggacc cgcttcgcaa agccgccggg aagacccccc ggttcctccc aacacgccgc 1800
cgacatctcc cagctcagca gtgcctagta ccgtaaagag tatggtctga aaagcgagg 1860
gaagttccgc cgcgacctt tgcgtacgcg cctcgctcgc gggacacggt aacagagcag 1920
ccagagacga aa 1932

```

<210> 8484

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(426)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (49)...(420)

<223> similar to gi4107088 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8484
ccacaacgct atcctcgaga acttcggcat ttaacaggag nccagcgnga ggtgcagctg      60
gtggagtccg ggggaggcct atttcatccg ggggggtccc tgagactctc ctgtgcagcc      120
tctggattca ccttcagcaa ctactggatg cactgggtcc gccaagctcc agggaggggg      180
ctgatgtggg tctcacgtat taataataat ggggatacca caaattacgc ggactccgtg      240
aagggtcgat tcaccatctc cagagacaac gccaaagaaca cactgtatct ccagttggac      300
agtctgaggg tcgaggacac ggctgtgtat tactgtgcaa gagagggccc ggtctactat      360
catagtagtg gttattactc tgtaataggc cagggaaccc tggtcaccgt ctcctcagca      420
tcccc                                           425
```

```
<210> 8485
<211> 1458
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1459)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1297)...(646)
<223> similar to gi4583677 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8485
tttttttttt ttccaggacg ctcacactta gtttttatta gccacagttt cccacagttt      60
tctacctcct aggaaatata cagctcacca agggcaccca gtcaccattc tgtcctgctt      120
gcatggctga cactgttgct caccgagggt gagcagatct gcaaagtcac ccagggcctg      180
gtttcctcag gtacagagaa ccccaaagaa agaagagcca gaacttagag cccctttctt      240
ctccatatgg gataggacac ccaagacaaa tgacccatgc atcatgaaac agaggcaggg      300
ccctaagctg cccaagaggc ctgggcactt ggagttcctg ccaacagcca ggccactgaa      360
ccattgcctg tccaccctcc cacagtggct aatccctggc ctagttgtaa atgtcttttc      420
agcgctgcac acttaatgca gtcggatgcc ttctgattac tggctctctga gaccttcagc      480
tgctgaggtg caagaatcaa gcatgggcat gaaaggcaaa gggctaccac agcagcatcg      540
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tccagcctgg ggcatgaggg gccctagagc aggatgccgg ggctaggagt ggactgccct      660
gctgatgggt cgtttttctg tgaagaagct tttcaacagt agcacctgac tgaagctgac      720
cacgaacagg gcaatcgtct cgccaacaga ccagtaagag actcggtat taaggctctt      780
cgctcgggcc cggtcctggg cctcccgcag ccggtaatgc gtctgggagt caatcacctg      840
tttcagagcc tcatggatgg tcacgcaggc ggactccatc tgggtgagag ctgtgacct      900
gttccccatg tctgggagaa tgggaggctc atcgccact tgaaagtcaa agtagacggg      960
cttgtgagag aagggtgaaa actcattact gaagcaaaac tgataaacgc ccttgacttc     1020
```


SECRET

```
<220>
<221> misc_feature
<222> (1217)...(774)
<223> similar to gi3879850 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 8487
<211> 1805
```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (111)...(911)
 <223> similar to gi5832792 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8487

gcggccgcg	cggaacatg	gaggagctgc	tgaggcgcga	gctgggctgc	agctctgtca	60
gggccacgg	ccactcggg	ggcgggtgca	tcagccaggg	ccggagctac	gacacggatc	120
aaggacgagt	gttcgtgaaa	gtgaacccca	aggcggaggg	cagaagaatg	tttgaagggtg	180
agatggcaag	tttaactgcc	atcctgaaaa	caaacacggt	gaaagtgcc	aagcccatca	240
aggttctgga	tgccccaggc	ggcgggagcg	tgctggtgat	ggagcacatg	gacatgaggc	300
atctgagcag	tcatgctgca	aagcttgagg	cccagctggc	cgatttacac	cttgataaca	360
agaagcttgg	agagatgcgc	ctgaaggagg	cgggcacagt	ggggagagga	ggtgggcagg	420
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ttagcagctc	cttttactcc	gcctaccacg	gcaaaatccc	caaggcccca	ggattcgaga	840
agcgccttca	gttgatatcag	ctctttcact	acttgaacca	ctggaatcat	tttggatcgg	900
ggtacagagg	atcctccctg	aacatcatga	ggaatctggt	caagtgagcg	ggccttactc	960
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atatctaaga	ggaaagggtt	tgtcatccca	gcgttgtcca	ctttgtgggg	ctttgtaggt	1140
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aaaaa						1805

<210> 8488
 <211> 1390
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1391)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (927)...(617)

<223> similar to gi2979531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8488

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ggtcccgagc	ccccctactc	cgggtcgtgg	aggcggccga	gggggaggct	gggggcccac	180
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gccgacgtgg	gctcacgagt	tgtttgtggc	gttctcgttg	ctgggcgagc	tggaggagga	660
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gccgttgacg	agctgctgga	tgatcccttc	cagcgtgggg	acgccttcgt	gccggccggt	1140
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atgggtctct	tcccgcgggc	tctcagggtc	cctgccgtcg	tcagcctgcg	ccccaggagg	1260
gaacgtgggg	atctcgaagc	tgtcctcgaa	gatgccgaaa	gcaaactgtc	cgtagccctg	1320
cggcagcgtg	aacaggtgct	ggtccatgtg	ctccaacggt	ggccgggctcg	aattccaccg	1380
cactggacta						1390

<210> 8489

<211> 1959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1926)...(672)

<223> similar to gi4726073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8489

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gcaaattgcc ggggcttcat gtgaagagga actggccaca aggctgaggg gaggaggaga 300
aactgtttct gcaggaagga cagcagtgcc tccaggctct tgggcatctt cacatgtttc 360
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atggcctggg cttcagatac cgctgttctg gatggatcca cagatgacga aggcaagggt 480
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cagaggcctt aagggtcccg cccacggtta ccaacttgcc atcaggccct aaagccaggt 1320
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tgctgtctt ggcggcgct cctccgccc cagcgatgag cagcccagtg ctggggtcga 1860
cctgaagcgc gtacaacggg aacggagcac ggaacagctc tggcgcccg cgccggccca 1920
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<210> 8490

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (138)...(707)

<223> similar to gi4886908 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8490

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agcgtctcgg ctacaacatg ttgggcatga tcaagaactc gctgttcgga agcgtagaga 180
cgtggccttg gcaggctcta agcaaagggg acaaggaaga agttgcctat gaagaaaggg 240
cctgtgaagg cggcaaattt gccacagtag aagtgcagca taagcctgtg gatgaggctc 300

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tacgggaagc	aatgccaag	gtcgcaaagt	atgcgggggg	caccaatgac	aagggaattg	360
ggatggggat	gacagtccct	atttcctttg	ctgtgttccc	caatgaagat	ggctctctgc	420
agaagaaatt	aaaagtctgg	ttccggattc	caaaccaatt	tcaaagcgac	ccaccagctc	480
ccagtgcaca	aagcggttaag	attgaggaac	gggaaggcat	cactgtctat	tccatgcagt	540
ttggtggtta	tgccaaggaa	gcagactacg	tagcacaagc	cacccgtctg	cgtgctgccc	600
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aatacagcca	agatatgcag	catccttctc	attgatgtag	aaaattctgc	gatagaccag	960
aaaaatcctg	gcagcttttc	tccaggcatc	tgggtcacta	aaaactgatt	ttctaaaatt	1020
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aaaaa						1145

<210> 8491
 <211> 2018
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1200)...(1349)
 <223> similar to gi4262136 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8491						
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gcttaggaag	taacacgtgg	agaattttcca	tcttgggacc	atgcacacag	tgcccttgggg	180
agtagatttt	gccctaatag	cgatgaagaa	ttttatcagt	cagtggagtt	cctttttcag	240
atcagggatg	ggaaagagcc	aaactgggta	cctcccacgt	gtgccccgtg	aacagccctt	300
tgcagctggg	ctgtggggct	tggctgctgc	cctgtcccat	ctggcagtta	acgccttctc	360
cctgctctgc	ccccactcc	ccaaaaccag	ttgcagcctc	aaccacatg	gggatgtaga	420
aagccgtaaa	gtccacgcta	ctgttgaaaa	tgtttacatc	tccgctctca	acctgccttg	480
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cttaagatat	gccacgctga	agcaagggtat	ttcctactgg	attttgcttt	cactggtggt	660
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ttacttttcc	catctggcct	ttatctccaa	agttggtatt	gttgctccac	gcagactgca	1260
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[illegible]

```
<220>
<221> misc_feature
<222> (154)...(1129)
<223> similar to gi3878325 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

7074

<210> 8493
 <211> 4120
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (252)...(1897)
 <223> similar to gi3327192 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8493

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aggcaactga	ggagcagtta	aaggacattt	tctcggaggt	tggttctgtt	gtcagtttcc	180
ggctggtata	cgatagagag	acgggaaaac	ccaagggcta	tggttctgtc	gaataccaag	240
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ctgcagcgcc	cattattgac	tcaccctatg	gggatcccat	cgatccagaa	gatgcccctg	420
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ttgctctgaa	aattctgcat	cggaagatac	atgtcacacc	actgatccca	ggcaaatctc	660
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cacacttgga	ttagggtttc	cctcctccta	gaacctaatc	ttatTTTTTg	ttctTTTTTt	2040
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cactttaagt	tactttaaaa	taactctgaa	catgattata	ttatgccaaa	taagattaca	2160
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<210> 8494

<211> 1419

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1265)...(473)

<223> similar to gi3878848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8494

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ctctgttgcc	taggctggag	tgtagtggtg	tgatctcggc	tcattgcaac	ctctgcctcc	240
agggttcaag	tgattctcct	gcctcagcct	cccagtagc	tgggattaca	ggtgtgcacc	300


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ttacaggcat gagccaccac gcccggccat cttcttgcca gcaactctta gaccaggaag 480
cctcggtatg gacttatgaa gtccgtgtgg cggtcagcgt ggatccagt ggcagcgttc 540
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agtgccagca gcatggctgt ctttccctccc atgctgtggc caacgacgac gcagggcacc 1020
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aaaaagacga cggccgggag ggctgcctcc ccgtccagaa gcctgtagga aagcggaagc 1260
ggcctcggct cggcgccccc tcggccggcg ctgctgctgc tgggtgcgac aggcaccctc 1320
gcgaagctag ggcggtgggg gccgagtcct tcacgcggga gcctccaggc tcgggtccag 1380
cggagcatgc ttgcaagctg ttggccggct cgcattctca 1419

```

```

<210> 8495
<211> 2531
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2532)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (104)...(2194)
<223> similar to gi5689776 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8495
ctccccaggg ccgagtcctc cggagtcagc agagagcctg gatggatcac aggaggataa 60
gcctcggggc tcatgtgcgg agcccacttt tactgatacg ggaatggtgg ctacacataaa 120
caacagccgg ctcaaggcca agggcgtggg ccagcacgac aacgcccgaa acttttgtaa 180
ccagagcttt gaggagctgc gaggagcctg tctaagaaag ggggagctct tcgaggaccc 240
cttattccct gctgaacca gctcactggg cttcaaggac ctgggccccca actccaaaaa 300
tgtgcagAAC atctcctggc agcggcccaa ggatatcata aacaaccctc tattcatcat 360
ggatgggatt tctccaacag acatctgccA ggggatcctc ggggactgct ggctgctggc 420
tgccatcggc tcccttacca cctgccccaa actgctatac cgcgtggtgc ccagaggaca 480
gagcttcaag aaaaactatg ctggcatctt ccattttcag atttggcagt ttggacagtg 540
ggtgaacgtg gtggtagatg accggctgcc cacaagaat gacaagctgg tgtttgtgca 600
ctcaaccgaa cgcagtgagt tctggagtgc cctgctggag aaggcgtatg ccaagctgag 660
tgggtcctat gaagcattgt cagggggcag taccatggag ggccttgagg acttcacagg 720
aggcgtggcc cagagcttcc aactccagag gccccctcag aacctgctca ggctccttag 780

```

```

gaaggccgtg gagcgatcct ccctcatggg ttgctccatt gaagtcacca gtgatatgta 840
actggaatcc atgactgaca agatgctggg gagagggcac gcttactctg tgactggcct 900
tcaggatgtc cactacagag gcaaaatgga aacactgatt cgggtccgga atccctgggg 960
ccggattgag tggaatggag cttggagtga cagtgccagg gagggggaag aggtggcctc 1020
agacatccag atgcagctgc tgcacaagac ggaggacggg gagttctgga tgcctacca 1080
agatttcctg aacaacttca cgctcctgga gatctgcaac ctacgcctg atacactctc 1140
tggggactac aagagctact ggcacaccac cttctacgag ggcagctggc gcacaggcag 1200
ctccgcaggg ggctgcagga accaccctgg cacttctgga accaaccctc agtttaagat 1260
ctctcttcct gagggggatg acccagagga tgacgcagag ggcaatgttg tggctgcac 1320
ctgcctgggt gccctaagtc agaagaactg gcggcatgca cggcagcagg gagcccagct 1380
gcagaccatt ggctttgtcc tctacgcggg cccaaaagag ttccagaaca ttcaggatgt 1440
ccacttgaag aaggaattct tcacgaagta tcaggaccac ggcttctcag agatcttcac 1500
caactcacgg gaggtgagca gccaaactccg gctgcctccg ggggaatata tcattattcc 1560
ctccaccttt gagccacaca gagatgctga cttcctgctt cgggtcttca ccgagaagca 1620
cagcgagtca tgggaattgg atgaagtcaa ctatgctgag caactccaag aggaaaaggt 1680
ctctgaggat gacatggacc aggacttcct acatttgttt aagatagtgg caggagaggg 1740
caaggagata ggggtgtatg agctccagag gctgctcaac aggatggcca tcaaattcaa 1800
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tgagatgcgc ctggttattg agaaagcagg catcaagctg aacaacaagg taatgcagg 2040
cctggtggcc aggtatgcag atgatgacct gatcatagac tttgacagct tcatcagctg 2100
tttctgagg cttaaagacca tgttcacatt ctttctaacc atggacccca agaatactgg 2160
ccatatttgc ttgagcctgg aacagggtact tggagaaggg tgggaaggaa tctgcaggat 2220
tgcacctgcc tgccctcaa cccaccccc acccagctct gatgtccccg ggccagcatc 2280
ctgccccctg ctctccac cctgggatct gcttctctgc tccacagtgg ctgcagatga 2340
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aggttctagc ccaggagggt ggggtgcttc ttgtagccct cagctctcca gtctctgctg 2460
atgaaatggg ctccaagtgg cagtgcctcc gtcccagggt ccgngttact gcagcagtg 2520
gaccttctg c 2531

```

```

<210> 8496
<211> 2103
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2104)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1541)...(1802)
<223> similar to gi248490 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8496
tttttttcaa tgtgaaaaca cttggaagat ggttttaatga tgttttataa cagaaatgaa 60
ctgtacagtt acagtaagtt taatatatat ataaaaaatt acagcagaca aatgcatcta 120

```

cacaaaatct	accacttcat	tctgattcac	tgtcacctac	acaatctttc	ccaagcctac	180
agccccctgca	ggcagcccta	ggagggggaa	tcatctaaag	ggcacttttg	agagagacag	240
caccgctcat	attccccgcc	acctcctcag	gcttcaggag	gcatcagcta	attcccaaaa	300
atgtaaagtt	gcctgtgttt	caggttttca	aaaccaagaa	aacgtgtgtc	tcccaggggc	360
acagataaca	aggtccagca	cgcaagttat	cagctgattc	ttagaaaaata	ttcctatcag	420
aggggaaata	tttggtaac	aggcactctg	gggcagtaag	gctacacaat	agccaccag	480
agtgcagagt	tatctaagag	aaatgtagaa	ggactcccaa	taaaccacct	cagaattgtc	540
actgcctcat	tcaagctgct	ggacaatfff	ggaaagaatc	atttacacca	catcttaagt	600
ttccacaaag	aagaactcaa	actcacatff	taaagtacat	aaaacaaaaa	gttctaggag	660
gccggggggcc	aattccccct	gtgccccctc	tttgacaaca	gtggacaaac	accctgaat	720
taataattaa	gacaaaaaag	gaagaaaaaa	aaagtgagtt	aagatattga	aagagagaaa	780
gaaaacatct	ttagaaaaac	acgatcactg	tctctttaaa	agaaaaacaaa	atcccagttg	840
ggaacagtaa	tgaggaatat	gcaatctaaa	ttgacacctg	gtgggagatt	attattgaat	900
attatgtaca	ctcagaactt	tttttcatff	cttttttatt	atgaacacct	aggcagtga	960
aactgtttat	ttaatacata	catagacaca	cccaaaacat	acaaaaatac	tattattcta	1020
aactactaag	aataggacag	ttcaattatt	tccatgctat	gacttttaaga	gcattatact	1080
gaaacaaaca	agaagttaaa	cgacatffff	tttaatatcc	cagaaatata	ccaaaatata	1140
catctaagct	ttggaattac	tgaggttaga	ctaattgcaag	tgctgggtaa	tcgtacttaa	1200
tacacgagtc	taaggttctg	caggaaagaa	attatctttg	gtatctgcat	caggctaata	1260
ttattaacat	ttggattttg	ctttgggata	gagcttgtgt	gacccaagaa	ccaagtaccc	1320
ccctccccc	accaactgag	attaaaaaga	tccatgtaaa	aagttccttc	atttgcaatc	1380
ccccacccc	ccaagttaaa	aagtcacagg	catctaccta	gcacaaaagg	ttgtgaagta	1440
caatgcatag	ttgcacagtg	gtgctgcaaa	aaggaaagaa	aactacaata	aagagaaatg	1500
aaaagcttga	taatctttct	gcatgttttc	tcacaaacag	gacagccact	tccaagcagt	1560
tccagtacag	gaaaagaaaa	aaaggctcag	aagggcaccg	tggcgtgcat	tcgccagcc	1620
ccagaggtta	aagcaccag	cagagcagcc	aatcgtgcgc	cagtgtcttc	aacgtcccc	1680
actctgtgga	gtcctcgggc	cagtcacgca	gcagctccca	ccctccctag	gccctgtgct	1740
aagtcccat	agtgacctg	gttgggtgtag	ggtggtgat	ggtgggtgatg	gggttttttg	1800
acttttgttt	tggaaaatct	gaaatgcaa	tttgtttcag	ggcatgctca	caagtttgtg	1860
agggccaaag	ctaggggcat	gcacctgtgc	tggaccctgg	aaggtggtaa	gcagcttgcc	1920
tgccctttct	gatccagtc	gagggtcccc	ccgccccacc	ttccctggcc	tcactctttt	1980
aagtgccagg	acaccacaga	ctggactgat	gctgaagact	tcctttttct	taagtttgta	2040
aaaaagttgt	gagtaaaata	caatcattaa	gaaatctttg	gtttcgggta	gntctctcgc	2100
aat						2103

<210> 8497

<211> 2040

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (956)^{-} \dots (1502)$$

<223> similar to gi4884453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8497

atgctcctca	tcccttggtt	tccatgacgg	cacgtgcgtc	cttgacaagg	ctggatctta	60
caagtgtgcc	tgcttggcag	gctatactgg	gcagcgctgt	gaaaatcttc	tggaggctgg	120
gaagtccaag	atcaaggcgt	cagaagattc	attgtctgtc	cttgaagaaa	gaaactgctc	180

agaccctggg	ggccagtc	atgggtacca	gaaaataaca	gggggccctg	ggcttatcaa	240
cggacgccat	gctaaaattg	gcaccgtggt	gtctttcttt	tgtacaact	cctatgttct	300
tagtggaat	gagaaaagaa	cttgccagca	gaatggagag	tggtcaggga	aacagcccat	360
ctgcataaaa	gcctgccgag	aaccaaagat	ttcagacctg	gtgagaagga	gagttcttcc	420
gatgcaggtt	cagtcaaggg	agacaccatt	acaccagcta	tactcagcgg	ccttcagcaa	480
gcagaaactg	cagagtgcc	ctaccaagaa	gccagccctt	ccctttggag	atctgcccat	540
gggataccaa	catctgcata	cccagctcca	gtatgagtgc	atctcaccct	tctaccgccg	600
cctgggcagc	agcaggagga	catgtctgag	gactgggaag	tggagtgggc	gggcaccatc	660
ctgcatccct	atctgcggga	aaattgagaa	catcactgct	caaagacccc	aagggttgcg	720
ctggccgtgg	caggcagcca	tctacaggag	gaccagcggg	gtgcatgacg	gcagcctaca	780
caagggagcg	tggttcctag	tctgcagcgg	tgccctggtg	aatgagcgca	ctgtggtggt	840
ggctgcccac	tgtgtattct	acctggggaa	ggtcaccatg	atcaagacag	cagacctgaa	900
agttgttttg	gggaataattct	accgggatga	tgaccgggat	gagaagacca	tccagagcct	960
acagatttct	gctatcattc	tgcattccaa	ctatgacccc	atcctgcttg	atgttgacat	1020
cgccatcctg	aagctcctag	acaaggcccc	tatcagcacc	cgagtccagc	ccatctgcct	1080
cgctgccagt	cgggatctca	gcacttcctt	ccaggagtcc	cacatcactg	tggctggctg	1140
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ggtcagtggt	gtggactcgc	tgtgtgtga	ggagcagcat	gaggaccatg	gcatcccagt	1260
gagtgtcact	gataacatgt	tctgtgccag	ctgggaaccc	actgccctt	ctgatatctg	1320
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acgctggcat	ctgatgggac	tggtcagctg	gagctatgat	aaaacatgca	gccacaggct	1440
ctccactgcc	ttcaccaagg	tgtgccttt	taaagactgg	attgaaagaa	atatgaaatg	1500
aaccatgctc	atgcactcct	tgagaagtgt	ttctgtatat	ccgtctgtac	gtgtgtcatt	1560
gcgtgaagca	gtgtgggcct	gaagtgtgat	ttggcctgtg	aacttggctg	tgccagggct	1620
tctgacttca	gggacaaaac	tcagtgaagg	gtgagtagac	ctccattgct	ggtaggctga	1680
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ctttcagtta	tacgaatgcc	atcagcttga	ccagggaaga	tctgggcttc	atgaggcccc	1860
ttttgagct	ctcaagttct	agagacgtgc	ctgtgggaca	gcccagggca	gcagagtctg	1920
gatgtggtgc	atgcctttgt	gtacatggcc	acagtacagt	ctggctcttt	tcttcccca	1980
tctctgttac	acattttaat	aaaataaggq	ttggcttctg	aactacaaaa	aaaaaaaaaa	2040

<210> 8498

<211> 1664

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (138\bar{6}) \dots (142)$$

```
<223> similar to gi5052349 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 8498

ttctgtgaat	taaattaaaa	gtttatcatt	ccgtacaaac	gcactcattt	tcaacaaaca	60
agttttttac	acgagccgcg	gttgcccccg	gttggtggca	cgtggggagc	ggccccgcgg	120
cggcggtctc	gcgggcgggg	tcacagcggc	tccaggtcct	cgtccccgca	tgcgactctg	180
tacagggtcca	cggcgcccg	cgtgtagggc	gcctcgaaga	agggcctctg	ggccagcggg	240
gagcgactcg	cactcagctt	ctgtctccacg	gggctgagct	cggcctcgaa	cccgtctctc	300
cagggcgtcg	ccgcggtctc	ctcggccacc	aagatgtcgt	actcctcggc	cgcgtacttc	360

tcccagtcg	agagctcggg	gccgccgctg	tcaccgtccc	tgagcagggg	gatctgctct	420
ttctgctcgt	ggtcgaggtg	cttctcgtatg	ttgaagaagg	tgctgaagaa	gacgttggcc	480
agcttgacgc	gcttcagggtc	ctgcagcgtg	atcttccctt	cagtcctcgg	cttgaccagg	540
tccagcatct	ggcagaggca	gtcctggaag	ggcagggcct	cgatggccat	gctgtccagc	600
cttcggcact	gctcctcgta	gaagtactcg	agctcgaaca	tggacagggc	gccgtccccg	660
tccaggtcca	tgcagcggaa	ccagtactcg	atgctggctg	gtgttttttt	gtcttcctca	720
gagatcaaaa	accagacaaa	gtcggcatag	ctgatcttcc	cttccttctg	cacttttctg	780
cctcgtgtga	ctgctcctga	gaagatcctg	tctatcatct	tggtagaaa	ggcgtgggtca	840
ttgtgccg	ccagggtcgtc	cgcgtcgatg	agcaggtcgt	ggcctcgtgc	cagctcccag	900
aacttgacgt	agatgacgta	gaaatgctcg	tacgagaaga	attcggtcag	ctgggtgatg	960
tccgcctcct	cctccagcag	cgccacattc	tgcaggaaag	agctcctccg	cagctcggcg	1020
caggtgatcc	tgccggacca	ggaccgggtc	acggcgtaga	agatccgctg	gatgaccgtg	1080
gtgatgtagc	gcgagtggaa	ctcggacgcc	tccttcagga	acgacagccc	cgggtgcgtg	1140
ttcaccacgt	cctgcaagaa	ggggacaaa	tcctcctgca	ccaggtagtt	gcagccgggg	1200
ctcatgagca	gatggacgaa	cttggccg	tcgtcgtggc	agttctggag	gatttttctc	1260
cacatggcga	cgaacttg	gacggacacg	gagcccgtgc	gctccccgcc	ggcgccatag	1320
aagagcggcc	ccttcacgta	gagggggcag	ccgcaggcct	tggccaccag	gcccattgtc	1380
tccatggtgg	ccctctcgtg	ggggaaccgg	gcgaagggtg	tctcgatctt	gctgatgacg	1440
gcattccacgt	tgacggagtc	ctgcggggcgt	cctctaggga	agtagaagg	cggaatgctt	1500
tggtcgtgg	ccggggggcag	aggctcttct	ttccgtgtct	gaacctgctg	gaaggccttc	1560
agacgcttct	tgactcgaga	gggcagcacg	aagtcgcagc	cgcggggccag	tgagaccagc	1620
tcctggcgca	ggtcgggggtc	ctggcgcgagc	gagcgctcgc	ggag		1664

<210> 8499

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (864)...(362)

<223> similar to gi4768844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8499

tttttttttt	ttgccgggca	agaaatcatg	tttattcaca	ttccccacc	caccacctga	60
gagtcacttt	cactccaagc	cctgggcctg	acgggagggg	gccaaagagg	ggggctgcct	120
aaggcagggc	ccagaccca	cagtgtgggc	ctctggagct	gtgtctttac	tcttgctgcc	180
gatcaatccc	atgctctgaa	atgcgcacac	tctggctcct	tagtagatgc	catagggtggg	240
ctcatgactg	tcctgtacc	ggtccaggta	gcgcaggggc	tgcgggtggg	ggaagcgctt	300
ctgcttgggg	tggttaagggg	gcggccgcac	gaactcaaac	accggctccc	gcatgtccag	360
aagctggtgg	aagatgtagg	tgacggagtc	atcccagcgg	cactggaaga	aggacaagcc	420
ggctggagtc	atggtttctt	ggtgtttctt	gtagaaatca	aaagtgcgga	agggtccgtg	480
ggccagctga	tagcagggtg	aggggcgtgc	gtcctcagag	aagtcaatcg	gctggctcctg	540
cttgaagagc	aggaaggcaa	gacggtggat	gccggagcct	cgggcagggg	agggggggag	600
gtagggacac	gtcacctgtc	cttcagccac	cgggttacct	gggatgttgg	ttagcagcca	660
gtggaggtac	tcagcatctg	gtccagcag	gtgcccatcc	aagctagtga	gtagcaacgt	720
ccacaaggag	ccctcttctg	cctcataggt	cacctctggc	gcttggggcag	cctcggttgg	780
agtcacctca	ttgccacagt	acacaggcat	caggtcatcc	tcaccacag	cgtaggccac	840
gtgcaggggg	actcggggca	caaagggtggc	accgtggaac	aggtctcggt	agaggccgta	900

atactcagcc	agacgctgct	tgtggtaggg	gccacaggtc	ctctcccact	cggcccgcac	960
ggcatccagc	gggacactgg	ctgtgcggag	gcgggcagcc	cgctcctctt	ccacattggc	1020
ccgaagctcc	tggatggcct	gtttccgttc	cagtagctgt	tgggtccggg	agactttggg	1080
tggaggcagc	ccaatatcaa	tcttctcttt	gggatctgtc	ttctccccga	aatactctcg	1140
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gaagctccgg	tacttctcca	gccgctccag	gttgctcaag	tcgatgtcac	tgttgggcat	1260
cggccccagc	gggggtgtcc	ggcggcccag	gacggccgag	gtgctgaagc	cccgccatct	1320
ccgacactcg	cacagcgcgg	ctcgccacca	gggcgcgcgc	atcttccctc	cggcctgcgg	1380
aattccacca						1390

<210> 8500
 <211> 2196
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (12)...(435)
 <223> similar to gi6006684 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8500						
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acgtggtgga	tgagaagatc	tccgcaatgg	ggaaggccct	ggtcgaccag	agggagctgt	180
acctgggcct	gctctacccc	acggaggact	acaaggtata	cggctacgtc	accaactcca	240
aggtgaagtt	tgtcatggtg	gtagattcct	ccaacacagc	ccttcgagac	aacgaaattc	300
gcagcatggt	ccggaagcta	cacaactcct	acacagacgt	gatgtgcaac	cccttctaca	360
acccggggga	ccgcatccag	tccagcaggg	cctttgataa	catggtgacg	tcgatgatga	420
tacaggtgtg	ctgagtggag	tgtgctgcca	gccatcgagc	aggagcccgc	gcacgactgt	480
ggtggggccg	tcggtctgtt	ctggttgcc	cttcctgaat	gggacgcctg	gggctttcag	540
ggcaggcagc	tgtgcatggt	ctctcaacta	aaggtcttgt	gagaggagat	ttggcttttt	600
ccttccgtgt	cagccaagga	tttaattaag	aagaattcaa	ctaaggactt	ttctgggggtg	660
tgggcagagg	tttgggatca	gatggcgcag	gtagcctgtc	ctcagttgtc	ccaaaggggc	720
agaggcaggg	gtgcctggag	ccaagagttc	ctgagcctgc	aggacctgtg	accatgtggg	780
tcacccactg	gctgaacagg	tgggctggtc	tggagggggg	ggcctcctga	gcccagaacc	840
agcctaggat	ctaggggcac	aaggggagcc	ggcgtggcct	cccacagggg	agggccctcc	900
tctttctgga	cttggcctcc	attctttgca	tctggctcaa	tggctggatt	ccgcccggcc	960
ttaaaaggag	cccttgtaga	acctgggaag	cctcgtggcc	ccgcggcgtt	ggctcagctg	1020
cagccctggt	cctaaacctt	ggagcgcaga	cttgaggcac	cccctcctgc	ctggttggtgc	1080
tgaggggggt	gggtgctgtg	tcacttgatg	acgtggctga	ctaccaccca	gggcagcggc	1140
cgagcccata	gtggcgtcag	tgcgcgcggc	gtccttgggg	tccagcggtc	aaggctcagc	1200
ccgctgaggg	gacccccccg	gagttggttc	cagcactggg	ccaggactgg	agagtttctc	1260
aaggaccttg	aggacccccag	aagcccttgc	agcaggaaag	gctgtaaggg	ggggtcagcc	1320
tagggcagga	cctagggagg	ggaactttct	tgatacgtat	ttgccttttc	atcccatcta	1380
gcaagcacag	tgtaattttt	agaaattata	gaagaaaaaa	tcagcaagga	gtgtgggaaa	1440
actgcatgcc	ccaggcctcc	cccggcccag	ggtgaattgg	aagccctgga	atgggcccag	1500
gcacaccagg	cagctgatct	gggtgcatgt	gggccacaga	ccactctcac	aaggttaa	1560
ctttaacaag	agcctcatgt	ttgttaggag	aaggtgggac	cccagcccaa	gcacttcccc	1620
attgcagcct	ggcatgaaat	ctttgccttt	tagtggggat	cactcctgcc	cgagtccgtg	1680

ctgtggtggg	gactctgcaa	gttgctaacc	cagcgtccat	tctctttcct	ccgtactaac	1740
agaacccccg	tgcctctgcc	ccagttccaa	tagcgggcag	acgagagcca	tgtcctgggc	1800
tcccttgtag	cccggggtgt	gcagctgtgg	cgtggagggtg	ggtggtgctg	ggagagactt	1860
gcaggggaagc	tcctgtgaag	gggactcagc	tgccacatgc	aggacccttc	ccctttgcct	1920
tcttcctgcc	tggaacatgg	atgtgatggc	tgggtgctggg	acagctgtcc	tgagagcgtg	1980
aggaaagggg	cacaccctaa	ggacagtggg	gcagaacaca	ggaaggaccc	tgggcctttg	2040
ctgacgcaga	acgcgggaag	gacgtggtgc	ctttgctgac	gcagaacgcg	ggaaggaccc	2100
tgggcctttg	ctgacatacc	agccccagac	tacttaaatt	cagctttttt	ttaatgtgag	2160
aaaataaatg	cacccctctc	tggtttaaaa	aaaaaa			2196

<210> 8501
 <211> 3039
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (725)...(3005)
 <223> similar to gi604908 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8501	
tttttttttt	ttgagacgag
ctcgaactcc	tgggttcgat
tctagtgaat	gagatcgagt
cctcgacgat	cctcagtgcg
ttttccgtgc	gcacgcgcag
tagccaatgg	tctcgtaata
ctcgctgaat	attcatgagg
gaagtgagaa	gggggctggg
ggtcatcggt	gggcgcgcc
gggggcagcc	gcagggagca
ctgaggacct	gaggggtacc
cgggcactgt	ggaggcggga
cgccaggctc	aacgtggacg
gcagttctcc	tacatgcggg
ggagatgccc	tcaggcaccc
gagagcatat	ccgctggagg
tgagaagggtg	attgaagagc
gaagctgccg	tttctgggac
ggtgacaccc	ctgcgctttg
ctatgtgcgg	gcgagctacc
atgtgatgcc	catgggcgtg
gaaggccctg	gggcggcggc
gcatgccaat	gtggtggttt
ggtgtccaag	gaactggccc
caacgtctgc	atcgactcca
gggcaacctg	gagaccctgc
cctgcgggac	gagtaccggc
gacggacgcc	cacctggcca
gtggaggggc	gggggttctc
gctatcttgc	tcaagctgat
caggcgcagg	aggaccaa
atgttttctt	tttgattggc
cgagagtcag	ccgccctcgc
tagcggattg	acgggcaggt
ggatgtccac	gacccggcct
cacagtccgg	ccggcgccat
gcgggggggtc	ttgaagatgg
ggaggggtgaa	ggggtgggac
ctgagggggc	cccagggtc
ccttctcttg	gctcgacgac
actgacccag	cagcccctgc
tacgactaca	tctaccccga
gccaagggtc	atggagtcc
gccctgatca	tggcatacca
tcaagaactg	tgccagagat
tatgagaagc	aggagggcga
aacttggtga	ttcaccctga
tgccacagcc	tcacagcctc
cactgccgat	tctatgagga
atctacaacc	tggatgacct
cttgctcgat	actcaatcct
gaccccaaga	ttgcagacct
gacgaggccc	acaacattga
cggacccttg	accggtgcc
aaagagacag	acgagcagcg
gaggccagcg	ccgcccggga
gtgctgcagg	aggcagtgcc

tggtccatc	cgcacggccg	agcatttcct	gggttcctg	aggcggtgc	tggagtacgt	1740
gaagtggcgg	ctgcgtgtgc	agcatgtggt	gcaggagagc	ccgcccgcct	tcctgagcgg	1800
cctggcccag	cgcgtgtgca	tccagcgcaa	gcccctcaga	ttctgtgctg	aacgcctccg	1860
gtccctgctg	catactctgg	agatcaccca	ccttgctgac	ttctccccgc	tcaccctcct	1920
tgctaacttt	gccacccttg	tcagcaccta	cgccaaaggc	ttcaccatca	tcacgagacc	1980
ctttgacgac	agaacccccg	ccattgcca	ccccatcctg	cacttcagct	gcatggacgc	2040
ctcgtggcc	atcaaaccgg	tatttgagcg	tttccagtct	gtcatcatca	catctgggac	2100
actgtccccg	ctggacatct	acccaagat	cctggacttc	caccccgta	ccatggcaac	2160
cttcaccatg	acgctggcac	gggtctgcct	ctgccctatg	atcatcgcc	gtggcaatga	2220
ccaggtggcc	atcagctcca	aatttgagac	ccgggaggat	attgctgtga	tccggaacta	2280
tgggaacctc	ctgctggaga	tgtccgctgt	ggccctgat	ggcatcgtgg	ccttcttcac	2340
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ccggggcaaa	gtgtccgagg	gaatcgactt	tgtgcaccac	tacgggcggg	ccgtcatcat	2580
gtttggcgtc	ccctacgtct	acacacagag	ccgcattctc	aaggcgcggc	tggataacct	2640
gcgggaccag	ttccagattc	gtgagaatga	ctttcttacc	ttcgatgcca	tgcgccacgc	2700
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cgacaagcgg	tttgcccgtg	gggacaagcg	ggggaagctg	ccccgctgga	tccaggagca	2820
cctcacagat	gccaacctca	acctgaccgt	ggacgagggt	gtccagggtg	ccaagtactt	2880
cctgcggcag	atggcacagc	ccttccaccg	ggaggatcag	ctgggcctgt	ccctgctcag	2940
cctggagcag	ctagaatcag	aggagacgct	gaagaggata	gagcagattg	ctcagcagct	3000
ctgagtgggg	cgggtggggc	cataaacggt	tcctggtga			3039

<210> 8502
 <211> 2181
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2092)...(1477)
 <223> similar to gi5102729 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8502						
cagggccctg	agcgggtgat	ccctgggctg	gacaccaagg	ttgagaagtt	aggccggcag	60
cgtggagggg	ccagcactgt	gggggggtgg	ccggtgtggg	gagggaaacat	ggggtttttg	120
gacggtcaca	ccacttcac	tagacaccac	agccaggcac	atctgtcagg	cttagttctc	180
ccatgcgcca	tcctcaagag	gcaccagcac	tttatctggt	gagcctttat	gtggcaccaa	240
ctgtgtgcac	tattaccogg	ttttacagat	gatggaggcc	cagaagcagg	aggtggctgg	300
tgttaggtca	cacagctagg	aggcagcaga	acggtggggc	gctgcctgtg	ctcttaacct	360
ccaggccaag	tcaccccatc	aggcagtcag	gagggctggc	ggcagggggg	gatgtgggtg	420
ggaggtagt	ccttcttggc	attctcaccg	cagcctgggt	gccgggtgcc	actctgacct	480
cagccatggc	agggctcggg	gatgccgatg	ggcgtgcac	gggctctcag	aggccctca	540
cctatggcca	tggccttgac	tgtggggggc	tctgtccacc	gatgatctcc	cttcatcccc	600
tacaggtggg	gcggtccagg	gtggtggggg	cacagtggcc	ccgggcagtg	accacagggt	660
cctgacccgc	ggcccccgca	ggcgggctgc	atgctgttcc	cccacatctc	cccctgtgag	720
gtgcgcgtgc	tcatgctcct	gtactcgtcc	aagaagaaga	tcttcatggg	cctcatcccc	780
tacgaccaga	gcggcttcgt	cagtgccatc	cggcaggtca	tcaccacccg	caagcaggtg	840


```

tttagtccag aggctcttgc tttatccgga tgacggaggg tacacggggc gtccgcctca 900
gttcccgcgc aaggacgtat tcgctgaact gggacgagtc tactcctccc ccacaggagc 960
ccacgatttc aaatcctctt tgctgcaacc tctcgaggac ctggactgag ttgaggtgac 1020
agtagccatt tagtggaaac ctgatgacgt gcgtcgagtc gtgattccag cctgcattga 1080
cagagttaca catcacgtcg ccgatctctg gaaatacttc ttctatcaag gatttgtcac 1140
cgcttagcgt gatcctttct ccgaggtctg gggccacacg cacgacgagg cactcacagg 1200
gccttgaaaa tcgaccagtt tctctgtcct gcttccatct ttccatctcc aacaacatgg 1260
gctgaagctg aaaatatatt gcctcttcat ataacaaagt gtagtccttg aaatcatcag 1320
gaatgaggag tttggatggt cgtagaaaat tcaagatata tctgaacatc tgtccatctc 1380
tgtcaatgaa atagtgtgt ttgagactgt ccaaaacaat gggctctgta ccatcaaaaa 1440
gtcttccgat tctggattca gggatatttg tgagggtggc caggctgctg gtgtacatgt 1500
ggccgcccac atcaatgttg acaggcgcat tggattttgt gaggttgtgct ggagtaggga 1560
tgcttgggtt gttcagtggg gatgcagggg atctagtgat cagaggtctt gacatattgg 1620
gccgactgtc ctgggtgggg gaaacaatag caggtgaaac tattgtggga gaattgggtg 1680
ttctgtgccc attggcttct ggaagaagag gcagggggtc gtgtttcacg gaaaccacca 1740
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agatttcccc cgaccgaac acagactcgt acagggcgcg cttgggcgca gcctcggatt 1860
tcacgtcggg cccgacctgg ctgtcttttg ggaggatgaa aatcgcttga acctgggagg 1920
cgaagtttgc aatgagccga gattgcgcca ctgcactcca gcctgggcaa caagagagaa 1980
actccgtctc aaaaatgaaa ataaaataaa taaaatgaa acagcctttt aagaatgcaa 2040
ttattaggca acgtcttcaa aagccatgaa aatgttcata tgctttgatg cacaatttgc 2100
ttctagaagt tcatcttagg aaatatcctg ctttacttgt agtttggtaa agtttggtt 2160
attgcatcca ggccacttgg acaaatgaat tttgtggtat atgtcacaaa ctatgctgta 2220
gaactgcatt ttatactgtc tt

```

<210> 8504

<211> 1034

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (907)...(182)

<223> similar to gi3805976 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8504

```

tttttttttt ttaaatatatt taaaattttc tttatttcag aactgccttt atgtacagac 60
atcattttaa aaatgcacat acaatggaga ttttccaagg aacaggagct ggaaataaaa 120
tttaaggaca ttattagaac tgaaattgtc ccagagaagt tctgaggatc aggattcctt 180
aaatgtcctt gataacctct tcaagttctt cctttgtgaa catgtggaaa ttctggccag 240
gctgcactgt ggctagctca atgtttgttg cattcagctt ctctccatt acttgtttga 300
ggatgatgag tgaagacttg atggcttctt tcaaagtcac agacttgttg taaacttctt 360
gcaaggagct ctgggcaccc tctgaagcag agccaattgc tcgagcatca cactgtacaa 420
aggtcccaga tgggtccata tgaaacagct ggggtccttt ctcatcaact cctccaaata 480
ataatgttac tccaaaggga cgagacatgg cacctggatc tgcattcttct tctccaaact 540
gcaaaggcag attggacaca gcttgggtca cactctccac tgtcattgtc tcattgtagg 600
tgaaccagtg gttctgtgtc tccactctgg ctttatcaat taaagtctta gcatcagcaa 660
ttagcccact catggcacia cctatgtgag catcaatctc tacaattttc tcaatgctgc 720
tgggctccat cagtggggaa gtaattctct tctccacagc taggcacaca ccctctgatg 780

```

tctggatccc	aatggctgta	gaaccaagct	tgatagcctc	aatggcatat	tccacttgaa	840
ataatcttcc	ttcgggagaa	aaagtattca	cgccctgtc	gtactcagac	cgggtaagaa	900
acatggcgag	ggtaggagga	ggcagcggct	acgcggggat	tctgaggacc	aacacgactc	960
caccggcacc	caactcaccg	gcagccaact	caccacacg	gccgcgaatt	ccaccacgct	1020
ggactagagg	tcgt					1034

<210> 8505
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (104)...(1325)
 <223> similar to gi4803735 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00482325 040400

<400> 8505						
cggccctccc	atgtgcagcc	cggccagccg	ggctctcctc	ctcgcggcgg	atgggtgacc	60
ttttcctggc	acgggcaggc	tgtgggaggc	agcggagcag	gcgatgaaga	agaagcagca	120
gcatcccggc	ggcggcgcg	atccctggcc	ccatggggcc	cctatggggg	gcgcccctcc	180
gggcctgggc	agctggaagc	gtcgggtgcc	cctgctgcct	ttcctgcgct	tctccctccg	240
ggactacggc	ttctgcatgg	ccaccctgct	ggctttctgc	ctgggctccc	tcctctatca	300
gctcagcggg	ggacccccctc	gcttcctgct	cgacctgcgg	cagtacttgg	gaaattccac	360
ttacttggat	gacctgggac	cacctcctag	taagggtacta	cctttcccaa	gccagggtggt	420
gtacaacagg	gtaggcaagt	gtgggagccg	tactgtggtc	ttgcttctga	gaatcttgct	480
ggagaagcac	ggatttaatt	tggtcacatc	agacattcac	aacaaaacca	ggcttactaa	540
aaatgaacaa	atggaactga	ttaaaaatat	aagtactgcc	gaacaaccct	atttattcac	600
tcgacatggt	catttcctca	actttctcaag	gtttggagga	gaccagcctg	tctacatcaa	660
catcattaga	gaccccgctca	accggttctt	atccaaactat	tttttccgtc	gctttggaga	720
ctggagaggg	gaacaaaatc	acatgatccg	cacccccagc	atgaggcagg	aggagcgcta	780
cctggatata	aatgagtgtg	ttcttgaaaa	ctatcccag	tgctccaacc	ccagggttatt	840
ttacatcatt	cgtactttt	gtggacagca	tcccagatgc	agggagcctg	gtgaatgggc	900
ccttgagaga	gcaaagctga	acgtgaatga	aaacttcctg	ctcgtgggga	ttcttgaaga	960
gttggaaagt	gtgctgctgt	tactggaaag	atttttacct	cattacttca	agggcgtgct	1020
cagtatctac	aaagaccag	agcacaggaa	gcttggaac	atgactgtga	cggtgaagaa	1080
gactgtcccc	tctcctgagg	ctgtgcagat	cctctaccag	cggatgagat	acgagtacga	1140
gttttaccac	tacgtcaaag	agcagttcca	cctgctgaag	cgcaagtttg	gacttaagtc	1200
tcacgtcagc	aagccccccc	tgaggccaca	cttctttatc	ccaactccac	tgaaaaccga	1260
ggagccaatc	gacgatgaag	aacaggatga	tgaaaagtgg	ctggaagata	tttataagag	1320
gtgatgtgac	tgtgttgctt	ctatggcttt	atctcccttt	tccagaaagt	tctttgtttg	1380
gggaagtaaa	atccttaagg	gactaaatta	atgcttgggt	gcattaaaaa	gaacaaaaca	1440
ttcccacatg	ttgggggc					1458

<210> 8506
 <211> 795

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (94)...(373)
 <223> similar to gi2296344 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8506
 agcccagcgt ggtggaattc gcagcaaaga gtagtcagtc ctttcttggc tctgctgaca 60
 ctcgagccca cattccatca cctgctccca atcatgcagg tctccactgc tgcccttgcc 120
 gtccctctct gcaccatggc tctctgcaac caggtcctct ctgcaccact tgctgctgac 180
 acgccgaccg cctgctgctt cagctacacc tcccgacaga ttccacagaa tttcatagct 240
 gactactttg agacgagcag ccagtgtctc aagcccagtg tcatcttcct aaccaagaga 300
 ggccggcagg tctgtgctga cccagtgag gagtgggtcc agaaatacgt cagtgcacctg 360
 gagctgagtg cctgaggggt ccagaagctt cgaggcccag cgacctcagt gggcccagtg 420
 gggaggagca ggagcctgag ccttggggaa atgcgtgtga cctctacagc tacctcttct 480
 atggactggt tattgcaaaa caggccacac tgtgggactc ttcttaactt aaattttaat 540
 ttattttatac tatttagttt ttgtaattta ttttcgattt cacagtgtgt ttgtgattgt 600
 ttgctctgag agttccccct gtccccctcc ctttccctca cagtgtgtct ggtgacaacc 660
 gagtggctgt catcggcctg ttaggcagtg catggcacca aagccaccag actgacaaat 720
 gtgtatcgga tgcttttgtt cagggtgtgt atcggcctgg ggaaataata aagatgctct 780
 tttaaaaggt aaacc 795

<210> 8507
 <211> 1363
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (363)...(820)
 <223> similar to gi5924003 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8507
 gcgtggtgga attcgtggag tatacagcta ctgatgcaaa tgtgaagaat gaaagtcttt 60
 catctgtgca gcagcttggc attaaaatga ctgtcaggta tggcaaattc ctcaagtctct 120
 taaaagatgg tgcagaaaat gatcttacct ggggttttaa gcattgtgag agattcctga 180
 aacagcagca aacttccata aaatcttctc ttctctgcct gcaagggaat tatgctggcc 240
 atgactggtt tgtatcttct ctgttcatga taatgttggg agacaaagaa aaaacattcc 300
 aatttcttca tcaattctcc aggccttctga cttctgcttt tctttggttg ccaaggctac 360
 atatttctag ttaccttctc aatgacactg tagaatctgg catccatcca gtatattttt 420
 gcagcaccca ttatattgaa atgctactga aggctgagtt gcctcttgtg ttttcagctt 480
 ttcacatgtc tgggttttgca ccatcacaga tttgcctgca atggataacc cagtgttttt 540
 ggaattactt agattggata gaaatctgcc attatattgc tacttgtgtt ttccttggtc 600

Q. Now, I am going to ask you to look at the exhibit that I have marked with the letter "A" and tell me what you see.

```
<220>
<221> misc_feature
<222> (1)...(1450)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1060)...(817)
<223> similar to gi3191963 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

7089

aaaagtctca	gaaagaaaag	tcacagcaag	acccatgaga	aagaagtcaa	tagcacatat	1200
tgtggaaaca	gaaaagtcac	tcttcagacg	tgatcctttg	ccacgtaagg	aatgtgatg	1260
ccctgctccc	aacctccacc	ccagcacgtc	ccccttacct	gcctggaaaa	aagaagaaaa	1320
gtttagtaac	caagaatccc	aacaggataa	cacatactca	tgccaaccac	taccgtgccc	1380
tggaatctc	caggagatca	cagaagggtg	accagacgaa	atcgtcgncc	cgggaattcg	1440
ggccagtc						1449

<210> 8509
 <211> 1120
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1072)...(456)
 <223> similar to gi5102832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8509						
tttttttttt	ttgtagagat	ggggcctttgt	catgtgaccc	agcctggtct	ggaactcctg	60
ggctcacgcg	attctcccac	ctttgcctcc	caaattgctg	ggggattaca	ggcgtgagtc	120
accatgccca	gcctaggatg	agtttagtaa	gatttggtta	tgctggggag	atgggaaaag	180
ccagggttag	gggcacgcag	gctggaagga	aacggggtct	gtgggggtgg	atggaataac	240
ccatggaggc	aagaaaggag	cctctgcagg	aacaagtctg	gaagagcgag	gaggaagcgg	300
tgaggcaggg	gagcactgtg	tgaactgccc	tgaggccagg	caggggctca	ggatgaccag	360
gcagaaacag	agcgggtcca	gggtggaggg	gaggcccggtg	cagcatgagc	aggaggctag	420
aggagacaga	ccatgaggcc	cagggagacc	cctcactgga	gactctcccg	tagccttctt	480
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tcagaatcca	cctggtttcg	gaagacgccc	gtcttccagg	agacaactga	gcggcgcttt	900
ataccttcca	cggtgaagca	cagccaagtt	tcgttccgat	cgttggcttc	ccataggttt	960
ttaaattgga	agtagaatgt	gcctggatac	attgccttca	tcgggtttct	gatctgtgga	1020
ttcatgttca	gcctcttaga	tatgcttgtc	cctgtcccac	tcttttctga	agcgtgtgtg	1080
cttctcttcc	tgcttacagc	gtccttggtc	gacgcggccg			1120

<210> 8510
 <211> 888
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (115)...(670)
 <223> similar to gi4836700 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8510
 gtttggtgctg gaattcgcga cccttggttca acgccgttgg cgaagccagc tgctggaggt 60
 gccgagaatc tgagtttcgg taagcagcca ggtctggaaa ctaatatattt aaaaatgact 120
 acaccaaaca agacacctcc tgggtgctgac cccaagcagt tggaaaggac tggaacagta 180
 cgggaaattg gggtcacagc tggttggttca ctctcatctt gcaaaccagg atttggagtg 240
 gatcagttac gagatgacaa tctagaaaact tattggcaat cagatgggtc ccagcctcat 300
 ttagtgaaca tccaattcag aagaaaaaca acagtgaaga cattatgtat ttatgcagac 360
 taaaaatctg atgaaagcta tactccaagc aagatctcag tcagagtagg aaataatttt 420
 cacaaccttc aagaaattcg gcaacttgag ttggtggaac caagtggctg gattcatggt 480
 cccttaactg acaatcataa gaagccaact cgtacattca tgatacagat tgctgttcta 540
 gccaatcacc agaattggaag agacacccat atgagacaaa ttaaaatata cacaccagta 600
 gaagagagct ccattggtaa atttcctaga tgtacaacta tagatttcat gatgtatcgt 660
 tcaataagggt gacttttaaaa tgagacgaaa atcattaaac gtatctttgt tttatcctgt 720
 atttaataaa tatatcatgt acctttattg aacaaggcat ccgttatatc taattttgta 780
 tatgttttaa aatatattat tgtaactttg acaaataaat ttgggggtcat attatcttta 840
 ttttctttaa catgtaataa agctcacata ttttacatta ccaaaaaa 888

<210> 8511
 <211> 2091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2092)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (108)...(1107)
 <223> similar to gi296186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8511
 aggcgcgcgc cgcgcgcgcg tgattctcgc ctgcgcgcag ccagccctg cgcgccttgc 60
 ccggcggccc cgcgcgcgcg gctccgggcc cctggccccg cggagcgatg ctgctgctgg 120
 ctgcgcctt cctcgtggcc ttcgtgctgc tgctgtacat ggtgtctccg ctcatcagcc 180
 ccaagccctt cgccttgcgc ggggcgcagc tgggtggttac aggaggttcc agtggcatcg 240
 ggaagtgcac tgctatcgag tgctataaac aaggagcttt tataactctg gttgcacgaa 300
 atgaggataa gctgctgcag gcaaagaaag aaattgaaat gcaacttatt aatgacaaac 360
 aggtggtgct ttgcatatca gttgatgtat ctcaagacta taaccaagta gagaatgtca 420
 taaaacaagc acaggagaaa ctgggtccag tggacatgct ggtaaattgt gcaggaatgg 480
 cagtgtcagg aaaatttgaa gatcttgaag ttagtacctt tgaaagggtta atgagcatca 540

THE FUTURE

<211> 1077

<213> Homo sapiens

<221> misc feature

<223> similar to gi2842402 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

gcttgtggct	gggcactcgc	gcagaggccg	gcccgacgag	ccatggttgc	tgggagcgac	60
gcggggcggg	ccctgggggt	cctcagcgtg	gtctgcctgc	tgcactgctt	tggtttcata	120
agctgttttt	cccaacaaat	atatggtgtt	gtgtatggga	atgtaacttt	ccatgtacca	180
agcaatgtgc	ctttaaaga	ggtcctatgg	aaaaaacaaa	aggataaagt	tgcagaactg	240
gaaaattctg	aattcagagc	tttctcatct	tttaaaaata	gggtttattt	agacactgtg	300
tcaggtagcc	tcaactatcta	caacttaaca	tcatcagatg	aagatgagta	tgaaatggaa	360
tcgccaataa	ttactgatac	catgaagttc	tttctttatg	tgcttgagtc	tcttccatct	420
cccacactaa	cttgtgcatt	gactaataga	agcattgaag	tccaatgcat	gataccagag	480
cattacaaca	gccactcagag	acttataatg	tactcatggg	attgtcctat	ggagcaatgt	540
aaacgtaact	caaccagtat	atattttaag	atggaaaatg	atcttcacac	aaaaatacac	600
tgtactctta	gcaatccatt	atttaataca	acatcatcaa	tcatttttgc	aacctgtatc	660


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ttttgaattt gaactgttcc tcgtactcct gctgcttcc gtccttctgt tcctgtagcc 1860
tttcatatag agatcgaggg tcataaacct cctctggaca ttcttctgga tcttcagggt 1920
ttcgaacttt ctccattct tcttgccctc ttttgccgag tcatctagt tctgcctcag 1980
acacaaacct ctttttgata ataagggttac catcatcccc tccatccata atgaaacaac 2040
caatctagca gaaaattggg gaaaccccat taaacgcccg gcagtgttgg gcccgcctga 2100
aagggtcctc gccgcgaccc agatgtcttc ccgcgggcac cctcagctcc cctcaggctg 2160
ggcccgaag cccaggtt cggtactcc ggacaaggag cgggtgcgcg cactgagaac 2220
aggcctggcc ctaaccctaa cagcagccgc agctcatcta ttccgtaagg aagctggaac 2280
ccaggtgtcg ccgccagacc aaa 2303

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<210> 8514
<211> 1530
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (327)...(1200)
<223> similar to gi3387971 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8514
gcggccgcga agcgactccg agcgtccctc tgagccttgc tcatctctgc cccgcgcctc 60
ccgggctccg gtccgcgcgg cggggtcctt gctcctgcgc cccgggcgcg ctccccggac 120
accccggtcc ccgcagccag gacaaagcca tgaagccagc gctgctggaa gtgatgagga 180
tgaacagaat ctgccggatg gtgctggcca cttgcttggg atcctttatc ctggtcatct 240
tctattttcca aagtatgttg caccagtc tgcggaggaa tccctttggt gtggacatct 300
gctgccggaa ggggtcccga agccccctgc aggaactcta caaccaatc cagctggagc 360
tctcaaacac tgctgtcctg caccagatgc ggccgggacca ggtgacagac acgtgccgag 420
ccaacagcgc cacaagccgt aagcggaggg tgctgacccc caacgacctg aagcacttgg 480
tggtggatga ggaccacgag ctcatctact gctacgtgcc caaggtggcc tgcaccaact 540
ggaagcggct catgatggtc ctgaccgggc gggggaagta cagcgacccc atggagatcc 600
cggccaacga ggcacacgtc tccgccaacc tgaagaccct gaaccagtac agcatcccag 660
aatcaacca ccgcttga aaagctacatga agttcctgtt tgcggggag cccttcgaga 720
ggctagtgtc cgcctaccgc aacaagttca ccagaagta caacatctcc ttccacaagc 780
ggtacggcac caagatcatc aaacgccagc ggaagaagc caccaggag gccctgcgca 840
aaggggacga tgtcaaattc gaggagtgtg tggcctatct catcgaccca cacaccagc 900
gggaggagcc tttcaacgaa cactggcaaa ccgtctactc actctgccat ccctgccaca 960
tccactatga cctcgtgggc aagtacgaga cactggaaga ggattctaata tacgtcctgc 1020
agctggcagg agtgggcagc tacctgaagt tccccaccta tgcaaagtct acgagaacta 1080
ctgatgaaat gaccacagaa ttcttcagaa acatcagctc agagcaccaa acgcagctgt 1140
acgaagtcta caaactcgat tttttaatgt tcaattactc agtgccaagc tacctgaaat 1200
tggaataaag ggggtgggga gagggagaga atcatgcttt ttaatttaag atttttatct 1260
gtcaaaagaa ttatatggat attgggttat tttgtaaatt aatatttctt tggggatgat 1320
gctgcgagca gcatagttag aattatttaa aatccttcgt aggggaaggac agctgtcttt 1380
gcaggggaaa taggatgggt cgtccttgtc tgtagaagtg aatactgcaa cactgtctca 1440
aagggttctt gtgttctggt gaattccatg aattgtgcat tccataaatt ctaattaata 1500
ttatttatag ttatttaaaa aaaaaaaaaa 1530

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<210> 8515
 <211> 2815
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (168)...(955)
 <223> similar to gi4159993 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8515

atctcctccc	gttcttttatc	agagccccc	aaataagtag	gaatgggcag	tggctattca	60
cattcactac	accttttcca	tttgctaata	aggccctgcc	aggctgggag	ggaattgtcc	120
ctgcctgctt	ctggagaaa	aagatattga	caccatctac	gggcacccatg	gaactgcttc	180
aagtgaccat	tctttttctt	ctgcccagta	tttgtagcag	taacagcaca	ggtgttttag	240
aggcagctaa	taattcactt	gttggttacta	caacaaaacc	atctataaca	acaccaaaca	300
cagaatcatt	acagaaaaat	gttgctcacac	caacaactgg	aacaactcct	aaaggaacaa	360
tcaccaatga	attacttaaa	atgtctctga	tgtcaacagc	tactttttta	acaagtaaag	420
atgaaggatt	gaaagccaca	accactgatg	tcaggaagaa	tgactccatc	atttcaaacg	480
taacagtaac	aagtgttaca	cttccaaatg	ctgtttcaac	attacaaagt	tccaaaccca	540
agactgaaac	tcagagttca	attaaaacaa	cagaaatacc	aggtagtggt	ctacaaccag	600
atgcatcacc	ttctaaaact	ggtacattaa	cctcaatacc	agttacaatt	ccagaaaaca	660
cctcacagtc	tcaagtaata	ggcactgagg	gtggaaaaaa	tgcaagcact	tcagcaacca	720
gccggtctta	ttccagtatt	attttgccgg	tggttattgc	tttgattgta	ataacacttt	780
cagtatttgt	tctgggtggg	ttgtaccgaa	tgtgctggaa	ggcagatccg	ggcacaccag	840
aaaatggaaa	tgatcaacct	cagtctgata	aagagagcgt	gaagcttctt	accgttaaga	900
caatttctca	tgagtctggt	gagcactctg	cacaaggaaa	aaccaagaac	tgacagcttg	960
aggaattctc	tccacacct	ggcaataatt	acgcttaatc	ttcagcttct	atgcaccaag	1020
cgtggaaaag	gagaaagtcc	tgcagaatca	atcccgactt	ccatacctgc	tgctggactg	1080
taccagacgt	ctgtcccagt	aaagtgatgt	ccagctgaca	tgcaataatt	tgatggaatc	1140
aaaaagaacc	ccggggctct	cctgttctct	cacatttaaa	aattccatta	ctccattttac	1200
aggagcgttc	ctaggaaaag	gaatttttag	aggagaattt	gtgagcagtg	aatctgacag	1260
cccaggaggt	gggctcgctg	ataggcatga	ctttccctaa	tgtttaaagt	tttccgggcc	1320
aagaattttt	atccatgaag	actttcctac	ttttctcggt	gttcttatat	tacctactgt	1380
tagtatttat	tgtttaccac	tatgttaatg	cagggaaaag	ttgcacgtgt	attattaaat	1440
attaggtaga	aatcatacca	tgctactttg	tacatataag	tattttattc	ctgctttcgt	1500
gttactttta	ataaataact	actgtactca	atactctaaa	aatactataa	catgactgtg	1560
aaaatggcaa	tgttattgtc	ttcctataat	tatgaatatt	tttggttgga	ttattagaat	1620
acatgaactc	actaatgaaa	ggcatttgta	ataagtcaga	aagggacata	cgattcacat	1680
atcagactgt	tagggggaga	gtaattttatc	agttctttgg	tctttctatt	tgtcattcat	1740
actatgtgat	gaagatgtaa	gtgcaagggc	atttataaca	ctatactgca	ttcattaaga	1800
taataggatc	atgatttttc	attaactcat	ttgattgata	ttatctccat	gcatttttta	1860
tttcttttag	aatgtgaatt	atgtgtctca	gcaatcattg	ctaacctcta	gtttgtagaa	1920
aatcaacact	ttataaatac	ataattatga	tattatTTTT	cattgtatca	ctgttctaaa	1980
aataccatat	gattatagct	gccactccat	caggagcaaa	ttcttctggt	aaaagctaac	2040
tgatcaacct	tgaccacttt	tttgacatgt	gagatcaaag	tgtcaagttg	gctgagggtt	2100
tttggaagc	tttagaacta	ataagctgct	ggtggcagct	ttgtaacgta	tgattatcta	2160
agctgatttt	gatgctaaat	tatcttagtg	atctaagggg	cagtttagtg	aagatggaat	2220
cttgatttta	aaatagcctt	ttaaaatttg	ttttgtggtg	atgtattttg	acaacttcca	2280
tctttaggag	ttatataatc	accttgattt	tagtttctctg	atgtttggac	tattttataat	2340

caaggacacc	aagcaagcat	aagcatatct	atatttctga	ctggtgtctc	tttgagaagg	2400
atgggaagta	gaaaaaaaaa	aaagaaagaa	aggaaaggaa	gagaggagag	aagaaggcag	2460
ggatctccac	tatgtatgtt	ttcacttttag	aactgttgag	cccatgctta	attttaatct	2520
agaagtcttt	aaatggtgag	acagtgactg	gagcatgcca	atcagagagc	atttgtcttc	2580
agaaaaaaaa	aaaatctgag	tttgagacta	gcctggccaa	catgttgaaa	ccccatatct	2640
actaaaaata	caaaaattag	cctggtgtgg	tggcgcacgc	ctgtagtccc	agctactctg	2700
gagcctgagg	aacgtgaatc	gcttgaaccc	aaaaaacaga	ggttgagtg	agctgagatg	2760
gcactattgc	actccagcct	gggtgacaca	gcaagactct	gtctcaaaaa	aaaaa	2815

<210> 8516
 <211> 977
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (155)...(517)
 <223> similar to gi455109 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8516		
ttttcttgag	ttacctcccg cagccgcagc cgccgtgctc agcgcgagcc ccggagccct 60	
tgagcgcgag	gcgcgagagcc cccggagccc ccaaaccgca gacacatccc cgcgccccag 120	
agccccggcc	tgcgcgccca gccgggccc cgcatgccc tcagaccggc ctttcaagca 180	
gcggcgggagc	ttcgccgacc gctgtaagga ggtacagcag atccgcgacc agcaccaccag 240	
caaaatcccc	gtgatcatcg agcgtacaa gggtgagaag cagctgccc tccctggacaa 300	
gaccaagttt	ttggtcccgg accatgtcaa catgagcgag ttggtcaaga tcatccggcg 360	
ccgcctgcag	ctgaacccca cgcaggcctt cttcctgctg gtgaaccagc acagcatggt 420	
gagtgtgtcc	acgcccacatg cggacatcta cgagcaggag aaagacgagg acggcttcct 480	
ctatatggtc	tacgcctccc aggaaacctt cggcttctga gccagcagta ggggggctcg 540	
gcctgggagt	cgggggggccc cggtcaggcc ctgcccagag agctcctggt tcctgaactg 600	
agctgcctct	accgtggtgg gctgggcagg catgtgcccc cctagtcaga gggcaccaac 660	
ccacctactc	tgcacctggg tggatcctgg gccggtcgtg ttagggttgt ccctctgggt 720	
gctggctggt	gggatggggg aggggtggga gcagctccca gcacctctgc tgtgtggttc 780	
atcttttttt	taggcccctg cctgtctgcc catctgcccc tcacctaccc gaggtctctgc 840	
ccaccgcctg	gacctgccca cccctgaaag actggcccct ggctccccgc cctcggtct 900	
ccacgtggtg	tatggatctg tggtcattgt cctctctgag aataaagatt gctcaggcct 960	
gcctggcaaa	aaaaaaa	977

<210> 8517
 <211> 2231
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (172)...(2094)
 <223> similar to gi28583 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8517

gcccccaat	tcccgtgtcg	acgatctcgt	cgatcgcggc	ctgaggctgc	tcccggacaa	60
gggcaacgag	cgtttcgttt	ggacttctcg	acttgagtgc	ccgcctcctt	cgccgccgcc	120
tctgcagtc	tcagcgagtc	ctttccacag	gagccagcat	acttcctgaa	catggagagt	180
gttggtcgcc	gctgccatt	cttatccga	gtcccccagg	cctttctgca	gaaagcaggc	240
aaatctctgt	tgttctatgc	ccaaaactgc	cccaagatga	tggaaagtgg	ggccaagcca	300
gcccctcggg	cattgtccac	tgcagcagta	cactaccaac	agatcaaaga	aaccctccg	360
gccagtgaga	aagacaaaac	tgctaaggcc	aaggccaac	agactcctga	tggatcccag	420
cagagtccag	atggcacaca	gcttcctgt	ggacaccct	tgctgccac	aagccagggc	480
actgcaagca	aatgcccttt	cctggcagca	cagatgaatc	agagaggcag	cagtgtcttc	540
tgcaaagcca	gtcttgagct	tcaggaggat	gtgcaggaaa	tgaatgccgt	gaggaaagag	600
gttgctgaaa	cctcagcagg	ccccagtgtg	gttagtgtga	aaaccgatgg	aggggatccc	660
agtggactgc	tgaagaactt	ccaggacatc	atgcaaaagc	aaagaccaga	aagagtgtct	720
catcttcttc	aagataactt	gcaaaaatct	gtttccactt	ttcagtatga	tcgtttcttt	780
gagaaaaaaa	ttgatgagaa	aaagaatgac	cacacctatc	gagtttttaa	aactgtgaac	840
cggcgagcac	acatcttccc	catggcagat	gactattcag	actccctcat	cacaaaaaag	900
caagtgtcag	tctggtgcag	taatgactac	ctaggaatga	gtcgccaccc	acgggtgtgt	960
ggggcagtta	tggacacttt	gaaacaacat	ggtgctgggg	caggtggtac	tagaaatatt	1020
tctggaacta	gtaaattcca	tgtggactta	gagcgggagc	tggcagacct	ccatgggaaa	1080
gatgccgcac	tcttgttttc	ctcgtgcttt	gtggccaatg	actcaaccct	cttcaccctg	1140
gctaagatga	tgccaggctg	tgagatttac	tctgattctg	ggaaccatgc	ctccatgac	1200
caagggattc	gaaacagccg	agtgccaaag	tacatcttcc	gccacaatga	tgtcagccac	1260
ctcagagAAC	tgctgcaaag	atctgacccc	tcagtcccca	agattgtggc	atttgaaact	1320
gtccattcaa	tggatggggc	ggtgtgcccc	ctggaagagc	tgtgtgatgt	ggcccatgag	1380
tttgagagcaa	tcaccttcgt	ggatgaggtc	cacgcagtgg	ggctttatgg	ggctcgaggc	1440
ggaggggattg	gggatcggga	tggagtcag	ccaaaaatgg	acatcatttc	tggaaacttt	1500
ggcaaagcct	ttggttgtgt	tggagggtac	atcgccagca	cgagttctct	gattgacacc	1560
gtacggctcct	atgctgctgg	cttcactctc	accacctctc	tgccacccat	gctgctggct	1620
ggagccctgg	agtctgtgcg	gatcctgaag	agcgtgagg	gacgggtgct	tcgccgccag	1680
caccagcgca	acgtcaaact	catgagacag	atgctaattg	atgccggcct	ccctgttgtc	1740
cactgcccc	gccacatcat	ccctgtgcgg	gttgagatg	ctgctaaaaa	cacagaagtc	1800
tgtgatgaac	taatgagcag	acataacatc	tacgtgcaag	caatcaatta	ccctacgggtg	1860
ccccggggag	aagagctcct	acggattgcc	cccacccctc	accacacacc	ccagatgatg	1920
aactacttcc	ttgagaatcc	gctagtcaca	tggaaagcaag	tggggctgga	actgaagcct	1980
cattcctcag	ctgagtgcaa	cttctgcagg	aggccaatgc	attttgaagt	gatgagtga	2040
agagagaagt	cctattttctc	aggcttgagc	aagttggat	ctgctcaggc	ctgagcatga	2100
cctcaattat	ttcacttaac	cccaggccat	tatcatatcc	agatggctct	cagagttgtc	2160
tttatatgtg	aattaagtta	tattaaattt	taatctatag	taaaaacata	gtcctggaaa	2220
taaaaaaaaa	a					2231

<210> 8518
 <211> 1151
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1152)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (694)...(263)
 <223> similar to gi4929731 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8518
 gtttaatttt ctagtttttc tttttttttc aaattctccc agatcctgat cagggtacttc 60
 tttatagcaa cacaagaaca gcctaacaca caggattaag ttgattccag gtaaataaat 120
 taagagaagc aatgactcgc tggagacagc agcaaattca gccagtttt attgcaaata 180
 aaacaagtca ttcaagtga ttgtggaaat tgagggtgca cgtgaagggg tggcaaggga 240
 acgggactct tgaagatggt cagtgtttcc ttggtttgaa cttcaaagcc aactgttga 300
 tgcaaaacct ctgaccattg ggcccagggt catcaggaaa cacgtgacct agatgagctt 360
 cacactgctt gcagacaacc tctgtgcgag ctgatcctaa cgaggatatcc agacgtctca 420
 ggatccctgt gtggctttca tcagagccag acgtaccatg agcctcgga aacgaaggcc 480
 acccagtgcc agagcagtac tttttctcag aactgaagag tggactgtcg cagcacacgc 540
 aatgatacat tctgtcttcc ttgttattca ggtagatccc actgaaaggc ggttccgttc 600
 cttttctct tgtgacgtag aactgctccg gggttagttt cttttgccac tactcttgg 660
 caagaggcag ctcacacgtt gcaagagacc cagggggatc cggatgaggg gtcttgagaa 720
 ctggtacctg tctttataac ttgtctataa atctaaaatt attccaaaat aaaaaagctt 780
 atttaaaaaa ctttcttctc catggctacc cgtgtaccat caagcactac tggagaaaaa 840
 tccccacctg gggagagggt tgtccttata aactcaaagt tactcatctc actgggggtt 900
 cagtgaacca tggaaaccatc tttccccagt cagctctctt cccatttctc tgcaatgagt 960
 gttttaaacc ttttccactc tcaggaatgt aaactagtac aaccactatg gaaaacagtg 1020
 tggagattct ttaaagaact aaaagtagaa taccatttaa tccagcaatc ccactactgg 1080
 gtatctaccc agaggcaaag aagtcattac atanaaagat acctgccacc ggacgcgtgg 1140
 gtcgacacgg g 1151

<210> 8519
 <211> 1154
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (339)...(893)
 <223> similar to gi836709 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8519
 gtcattcttct tctcttcgta tacaatgttt tcccctaatt catttctcac gtgcattacc 60
 gtaacagtag cttctttgggt ctccctgtgt ccaatttctt ccatttcaaa acatcctggg 120
 tattgatgca agactaatct tcaaaatgtc atttttgacc gggcgctgcc gctgcccggc 180

gcgcccttcc	ccagtaccac	ggccccggcgc	ctgcactcgt	ttcctgcagg	agagagctaa	240
gcttgtctgc	tggatccctg	cagctggagc	gcaaaaggag	agatttcacc	tcttctggga	300
gcaggaaact	ctacttcgac	actcatgcct	tagtgtgctt	actggaagac	aatgggtttg	360
ctactcaaca	agcagaaatc	attgtgtctg	cattggtcaa	gatcctggag	gccaacatgg	420
acatcgtcta	caaagatatg	gtcaccaaga	tgcagcagga	aatcactttt	cagcaagtaa	480
tgtctcagat	tgcgaatgtg	aaaaaggata	tgattatttt	ggagaagagt	gaattttcag	540
ccctcagagc	agaaaatgag	aaaataaaaac	tcgaactaca	tcagttaaaa	caacaagtaa	600
tggatgaagt	gatcaaagtc	cgaacagata	ccaaattaga	cttcaaccta	gaaaagagca	660
gagtaaaaaga	attgtattca	ttgaacgaaa	agaagctgct	ggaattgaga	acagaaatag	720
tggcattgca	tgcccagcaa	gatcgggccc	ttaccagac	agacaggaag	atcgaaactg	780
aggttgctgg	cctcaaaaacc	atgcttgagt	cacacaagct	tgataaatatt	aaatatattag	840
cagggtctat	atttacgtgc	ctaacagtag	ctctgggatt	ttatcgccctg	tggatctaata	900
aaagtgtcta	tttaaagtga	tttctactgt	tttgccttaa	gaataccaga	ttgttggctg	960
ggtgcggtgg	tctctaactc	ctgacctcgt	gattcacccg	ccttgggtctc	ccaaagtgggt	1020
gggattacag	gcgtgagccg	ctgcgcctgg	cccattctca	tcttattcaa	attactggca	1080
catgggcaag	agagacaatg	acatggatag	aagcttttct	gccttttctct	gcacacacat	1140
acagtgaagg	aacc					1154

<210> 8520
 <211> 2216
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2119)...(431)
 <223> similar to gi5764543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8520						
tttttttttt	ttcattttctt	aactgaaaat	atatttttcac	agaaacaaca	aagcaaaggg	60
gataaaaaca	atagcgacca	gaaaagctaa	cttaggtgaa	tggtgccact	caaaggtctt	120
tccgagggaa	gctcagtcct	ggcttgcgag	agtcagcctt	ggctcacctc	ataacggggc	180
tccaagctaa	ggcgtaagg	aagcagtcct	actgcttctc	gctgtcagca	agaccacaag	240
gcagatgccc	actgctgtcc	tcttttccttg	tctactttct	catctaagtg	tcgtaagaca	300
gccctgcact	ggtccctgag	taacagagca	gctgtcatga	gcacaggctc	attttatccg	360
agagcattct	tatctttgag	agaaatgaga	atatgacaag	gagaactaaa	cagcagcagg	420
cctagcctca	gcagcctttc	tgagtgatgt	ctagtcctga	cgactttgtg	atttccaaag	480
tcgtgaacac	ctccccacat	gtgggggtgaa	ttccaatggg	gtcatcaagt	agctgttttg	540
tgagcccaca	tttcattgca	gctgcaaate	cttgggtaac	ctcaccggcg	tttgggtccaa	600
gaatatgaaa	tcctatcacc	cgatcatggg	cgaattttatt	gcagattatc	tttgcgtaac	660
aagtgttggt	ctctctgcca	gctactgtcc	attcaagagg	ccagaacaaa	gtatgatata	720
tttctagatt	ctctttttta	tatacttcaa	tagctttctc	ttcagataat	ccacagcaac	780
catactccag	aggagtaaac	actgtagtcg	gaacattaat	ataatcacac	ttttctaaag	840
aggcccaaaa	aagtctctga	gctagcagct	tgcttgactg	tatggcgaca	gaagtgagct	900
caaacttatc	ctccaaaata	tcaccaacag	catagacata	tggcacattg	gtctgttcca	960
catcatttac	aggatatttt	ccactcttct	cattaatttt	gacaccaatc	ttctccaagc	1020
ctattttcct	tgtacaggag	tcacgaccaa	tagctaacaa	aactgtgtta	tagactcctt	1080
caattgtttc	tgttccttca	gtggatttag	ccaacacttt	cagctttcca	ggtgaacctt	1140
tctccaactg	ttgaaccatc	acagggtatga	atttccgtag	gaacttcaca	ccatgctgct	1200

ccatgtagga	accactttt	tctgccattt	cttggtcgaa	gccacggaga	aggattgagc	1260
gtaccataac	tgtgacatct	aggccaaagc	cagccagaaa	ccctgcacac	tccagggcaa	1320
cataagaggc	accacccact	aatgttttgc	cagggcaata	aggcagagaa	aaaagggtcat	1380
cactagtaat	acagtattct	ttatctcctt	ggattcctaa	ataccgtggc	ctttcacccg	1440
ttgctatgac	aaactgtgca	gcagtataat	aagtctcctg	tcctttttta	ttggttgcct	1500
ttattttatg	atgttcaaca	aattctccat	aggaattgac	ataggccaca	gccttttccc	1560
tcagagacaa	cctgtagccc	cagtttagag	agctgatgtg	gttctgaatc	gcttttgtca	1620
ttgtctccca	gttgtgcctc	acttgttgat	tatattccca	gccaaatttc	cttgagtcac	1680
ataatgcctg	ccccaaaagg	gcagcctgat	gcatcaattt	cttaggaata	caacctacat	1740
ttacacaagt	gccaccaaga	ccccaggatg	tgccctgagg	tgacgggaca	acaaagtcta	1800
gcaccataac	tttctttccc	aaaatggcag	cttccttcgc	acatgaaagg	cctccagaac	1860
caccaccgat	gatgatgaga	tcataatcat	atgccaaatc	ttcctgaagg	agcttctgta	1920
acaaaccact	ctgatatgcc	tggaaagtgt	ggtcacatcc	acctacatgc	actttattca	1980
cgaaaatatt	gggcacagtt	ttctgattag	tgattttctga	cagcacttct	tgaaccctgg	2040
ccccatcatc	aacttgatca	agttccaaga	cattacattc	gactcccaa	gaagaaaaga	2100
gttctttcac	cttgctgggc	tccagcgcc	tcgagcagca	ggagcaggac	aagtaagagc	2160
aggaggaaca	gaggcatgga	gaaggaggag	gagttggagc	agggagggag	ggagcg	2216

<210> 8521

<211> 658

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (408)...(236)

<223> similar to gi5726235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8521

cctttttttt	tttttataaa	tatatgtata	tattttat	acattatata	catggcatat	60
ctatacagtt	acattttacac	ttgacttaga	gtcaaagtca	tatacacaca	cacaggactt	120
ggactcaaag	cttttaatatga	caagcatgca	aaatttctta	gtatagaccc	taagagtacc	180
cttaataata	gtatgtttat	ttaaaaattc	tatgtatcta	ctactgttac	caggggggtcc	240
ttgctccag	agctcccaag	atgggtggtg	gccacttcca	agatggtggc	aggccacttc	300
caaaatggtg	gcaagcctca	tgttctctga	cctgggggttc	ttggcctcac	agattccaag	360
gaatggaatc	ttgggcatg	cggtgagtg	tatagctcta	ttagaagtcg	tgggtcacgg	420
aagagaaccg	tggaaaccag	tgactagtgt	tcagctcgat	taggacaaac	ccaggcactt	480
agccgtaccg	gaacaatggc	aagcctttag	cccgatcggg	agtggcaatg	ggcgcatggc	540
tgcatcagga	gcacagcgga	caccctgcc	gatctggagg	gatggaagtc	agtggtaggt	600
ctgcaatggt	ggcaaacagc	agtgttgat	ggcgagcgaa	agctcagctc	gagctgta	658

<210> 8522

<211> 1260

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (165)...(825)
 <223> similar to gi5817053 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8522

gtggcgggtac	agacactttt	aactcacagt	aaaagcaaaa	gcaacagctc	aagcagcctc	60
cttgagagaaa	acctgaaaat	tcaacttggt	caagagaagg	tcttgtagct	gcctaagtgc	120
tagagcctcc	tgacgtgagc	atggctgaga	gtgaggaccg	ctccctgagg	atcggttctg	180
tagggaaaac	tggaagtggg	aaaagtgcaa	cagcgaacac	catccttgga	gaggaaatct	240
ttgattctag	aattgctgcc	caagctgtta	ccaagaactg	tcaaaaagca	tcccgggaat	300
ggcaggggag	agaccttctt	gttgtggaca	ctccagggct	ctttgacacc	aaggagagcc	360
tggaacaccac	ctgcaaggaa	atcagccgct	gcatcatctc	ctcctgcca	gggccccatg	420
ctattgtcct	agttctgctg	ctgggccgct	acacagagga	ggagcagaaa	accgttgcat	480
tgatcaaggc	tgtctttggg	aagtcagcca	tgaagcacat	ggatcatctg	ttcactcgca	540
aagaagagtt	ggagggccag	agcttccatg	acttcatagc	agatgcggat	gtgggcctaa	600
aaagcatcgt	caaggagtgc	gggaaccgct	gctgtgcctt	tagcaacagc	aagaaaacca	660
gtaaggcaga	gaaggaaagt	caagtgcagg	agttggtgga	gctgatagag	aaaatggtgc	720
agtgaacga	aggggcttac	ttttctgatg	acatatataa	ggacacagag	gaaaggctga	780
aacaacggga	agaggttttg	aggaaaatct	acactgacca	attaaatgaa	gaaattaaac	840
tagtagaaga	ggataagcat	aaatcagagg	aaaaaaaagg	gaaagaaatt	aaattgctaa	900
aattaaaata	tgatgaaaaa	ataaaaaata	taagggaaga	agctgagaga	aatatattta	960
aagatgtttt	taataggatt	tggaagatgc	tttcagaaat	atggcatagg	ttttgtcga	1020
aatgtaagtt	ttattcttcc	taatttactg	tgatttggtt	atggatgaat	tgtattttgc	1080
aaagatagtt	agagaaatac	ctccttcccc	ttagctttat	taaggatatca	ttgataaata	1140
aaaataaaat	atgttttaatg	tatataatgt	gattttttaa	tatatatata	tatatatata	1200
tacacacaca	ttgtgaaata	atgaaataaa	ggtaattaac	acatctaaaa	aaaaaaaaaa	1260

<210> 8523
 <211> 2405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(1518)
 <223> similar to gi4558638 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8523

tcccgggtcg	acgttttcgtt	ggcgatggcg	gagggcgaga	ggactgagtg	tgctgagccc	60
ccccgggacg	aacccccggc	tgatggagct	ctgaagcggg	cagaggagct	caagactcag	120
gccaatgact	acttcaaagc	caaggactac	gagaacgcca	tcaagttcta	cagccaggcc	180
atcgagctga	accccagcaa	tgccatctac	tatggcaacc	gcagcctggc	ctacctgcgc	240
actgagtgct	atggctacgc	gctgggagac	gccacgcggg	ccattgagct	ggacaagaag	300

tacatcaagg	gttattaccg	ccgggctgcc	agcaacatgg	cactgggcaa	gttccgggcc	360
gcgctgcgag	actacgagac	ggtgggtcaag	gtgaagcccc	atgacaagga	tgccaaaatg	420
aaataccagg	agtgcacaac	gatcgtgaag	cagaaggcct	ttgagcgggc	catcgcgggc	480
gacgagcaca	agcgctccgt	ggtggactcg	ctggacatcg	agagcatgac	cattgaggat	540
gagtacagcg	gacccaagct	tgaagacggc	aaagtgcaca	tcagtttcat	gaaggagctc	600
atgcagtggg	acaaggacca	gaagaaaactg	caccggaaat	gtgcctacca	gattctggta	660
caggtcaaa	aggtcctctc	caagctgagc	acgctcgtgg	aaaccacact	caaagagaca	720
gagaagatta	cagtatgtgg	ggacacccat	ggccagttct	atgacctcct	caacatattc	780
gagctcaacg	gtttaccctc	ggagaccaac	ccctatatat	ttaatgggtga	ctttgtggac	840
cgaggctcct	tctctgtaga	agtgatcctc	acccttttcg	gcttcaagct	cctgtaccca	900
gatcactttc	acctccttcg	aggcaaccac	gagacagaca	acatgaacca	gatctacggg	960
ttcgagggtg	aggtgaaggc	caagtagacac	gcccagatgt	acgagctctt	tagcgagggtg	1020
ttcgagtggc	tcccgttggc	ccagtgcac	aacggcaaa	tgctgatcat	gcacggaggc	1080
ctgttcagt	aagacgggtg	cacctgggat	gacatccgga	aaattgagcg	gaatcgacaa	1140
ccccagatt	cagggcccat	gtgtgacctg	ctctgggtcag	atccacagcc	acagaacggg	1200
cgctcgatca	gcaagcgggg	cgtgagctgt	cagtttgggc	ctgacgtcac	caaggccttc	1260
ttggaagaga	acaacctgga	ctatatcatc	cgcagccacg	aagtcaaggc	cgagggctac	1320
gaggtggctc	acggaggccg	ctgtgtcacc	gtcttctctg	cccccaacta	ctgcgaccag	1380
atggggaaca	aagcctccta	catccacctc	cagggtctctg	acctacggcc	tcagttccac	1440
cagttcacag	cagtgcctca	tcccaacgtc	aagcccatgg	cctatgcca	cacgtgctg	1500
cagctaggaa	tgatgtgagg	tgacggggcg	ggcggcctgc	atcccagggc	ccctccaatc	1560
ccaccggacc	caggccctgg	gctaggggca	gagcaggccc	cgcccagggc	caatgttgga	1620
ccccctttta	ctttgtaaa	tttgatattta	ttccccctta	ggtttgcaga	gggggtaggg	1680
gcagagtcag	gggctggcca	gaggtgtctg	tccctggaca	gagaggaagg	aggtggagca	1740
gctggggctg	ggggcacagc	ctgggcattc	tgtggggagg	ccgtcctcgg	ggtgggggtg	1800
ggccgagtgg	ctgcccctgc	cccctcattt	gcatggctcc	tccccactc	aagcaatagg	1860
gccccgccat	aggaagaccc	ccagagagag	ggtcagcagg	ggggccccgc	ctgcgcctcc	1920
cctcctatag	ccccatgggtg	gggctagggt	gggggtcacc	cccctcccca	gctattttat	1980
gtctgtaatt	aaatatgtta	aaataaagtc	attatcggaa	gtcagcttgt	ctctggatgg	2040
tgagccgaa	ggagctgccc	gggttgggtt	acgcctgctc	aggagatccg	gaggggtggg	2100
aggccgaaa	gtcccgtg	ccgggcccac	ccagctctgg	gctgaccgcc	caagtggcct	2160
ctgcctctgc	ccagcaccgt	gggctcctgg	ggagagttct	gccccctggg	tggggcgatg	2220
aggccagcac	tgagtggagc	ggagcggaag	ctgaggcata	gcctcatcct	ttgctggctc	2280
cagcaacaag	catgacagt	ccgctccctg	ctccctgctc	agggtaggcc	cagcagtggg	2340
tcttgacatc	acacgatgag	gcgcgcatct	cccgggaattc	caccacgtgg	tctagggctg	2400
tcaat						2405

<210> 8524
 <211> 2182
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2183)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (43)...(1697)
 <223> similar to gi3901030 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8524
agcccacctc aggtgccttc tcgccggcct tcctcaccca ccatgtctcg gcagtcctcc 60
atcaccttcc agtctggcag ccgcaggggc ttcagcacca cctcggccat cccccggca 120
gctggccgct cccgcttcag ctctgtctct gtggcccgct ctgcagcagg gaggggggc 180
ctgggaagga tcagcagtg cggggccagc tttggaagcc gcagcctcta caacctggg 240
ggtgccaagc ggggtctccat caatgggtgt ggcagcagct gccgaagtgg ctttgggtggc 300
agggccagca acgggtttgg agtcaacagt ggatttggct atgggggtgg agttggagga 360
ggcttcagtg gccccagctt ccccggtgtg cccctggag gcatccaaga ggtcactgtc 420
aaccagagtc tcctgactcc tcttcacctg caaatcgacc ccaccatcca gcgggtgcgg 480
gccgaggagc gcgagcagat caagaccctc aacaataagt tcgcctcctt catcgacaag 540
gtgaggttct tggagcagca gaacaaggtc ctggagacca agtgggccct cctgcaggag 600
cagggctcca ggactgtgag gcagaacctc gagccccctt ttgattccta taccagttag 660
ctccgacggc agctggaag catcaccacc gagaggggca ggcttgaagc tgaactgagg 720
aacatgcagg atgttgtgga agatttcaaa gtcaggtacg aagatgaaat taacaagcgc 780
acagctgctg agaatgaatt ttagccctg aaaaaggacg tagatgctgc ctatatgaac 840
aaggtggagc tgggaagcaa ggtcaaatct ctgcccgagg agatcaactt catccactca 900
gtctttgatg cagagctgtc ccagttgcag acccagggtc gtgacacatc cgtggtgctg 960
tccatggaca acaaccgcaa cctggacctg gatagtatca tcgccgagggt caaagcaciaa 1020
tacgaggaca ttgccaaccg cagccgggccc gaggtctgag cctggtacca gaccaagtac 1080
gaggagctgc aggtcaccgc aggcagacat ggggatgacc ttcgaaacac caaacaagag 1140
atctctgaaa tgaaccgcat gatccagagg ctgagagctg agattgacag cgtcaagaag 1200
cagtgttcca gcttgcaaac ggccattgct gatgcagagc agcggggaga actggctctc 1260
aaggatgcac gggccaagct ggtggacctt gaggaggccc tgcagaaggc caagcaggac 1320
atggctcggc tcctgcgtga gtaccaggag ctgatgaaca tcaagctggc cctggacgtg 1380
gagatcgcca cctaccgcaa gctgctggaa ggcgaggagt gcaggttgag tggagagggg 1440
gtttctccag ttaacatttc tgtggtcacc tctactcttt ccagtggcta tggtcgaggc 1500
agcagcattg gaggtggaaa cctgggcctc ggtgggggca gcggctactc cttcaccacc 1560
agtgtggggc atagcctggg tgcaggcctg ggaggttctg gattcagtgc caccagcaac 1620
cggggcttag ggggcagtggt ttctagcgtc aagtttgtct ccaccacatc ctccagccag 1680
aagagctaca cgcactaaga gagcccatg gctccctcta ccctgccttg aggcctgttt 1740
gcagtcacac ctggacacca gggtcctcct ccttcctctc tccttgtaag gtgcacctgt 1800
gctgctggga gcctggagta ctggctatac ccattcccag gcctaagcca gcctctccct 1860
cctgacagtg cccagactgc cagcagcacc cgtctgttac acatgtgaaa ccaaagcctg 1920
ctctctccca aggtctcat tcagcctatc ttgcgaggcc cgggcagctg gaaagtccct 1980
ctccagctcc acctccctcc ctccctccag atgcagaggc tggggagtct ctcaatgcc 2040
ggttgtcacc cacctgtctc atagtgttta taagtggcct gctgggagtg agtgtccct 2100
ctgttccctc cctggaatgt gtctattaaa tgcagtgtgc acctgtttgg tgtctggccc 2160
ttccnnnana anaaaaaaaa aa 2182

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<210> 8525

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (348)...(519)

<223> similar to gi403018 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8525
tttcgtgcgg cggcgagagc gacggtccca tctttccac cctcttggtt gccgctggcc 60
acacgccctc cgctggcggc gacttctcag ctccgtgcgc ccgggctgga cagtgagcct 120
cgagaggaga tgcgggcggc tagagccgga gtggggcgag ccgcggaacc cggccgggag 180
ccgcgcgagg cgtgatcgga gggatatggt ggcatggaat tgaatttcat ctgtctgtgg 240
gaattgtaag caagattgcc atcacgaaag ccaaagtgga tttctccagt gtggtgtgcc 300
tgcccccttc cgtcattgct gtgaatgggc tggacggagg aggggcccgc gaaaatgatg 360
atgaaccagt gctcgtgtcc ttatctgcgg caccagtc ccagagtga gctgttgcca 420
atgaactgca ggagctctcc ttgcagccc agctgacct aggcctccac cctggcagga 480
atcccaattt gcctccactt agtgagcgga agaattgtgt acagttgaaa ctccagcagc 540
gccggacccg ggaagaactg gtgagccaag ggatcatgcc gc 582

```

```

<210> 8526
<211> 1272
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(859)
<223> similar to gil086626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8526
agcgctgccg tggggaggcg ctccgaggtt cgaggctgtg ccccgcgacc ccgccttcgg 60
cgctcggctc gcaggatgga tcccgtaacc gggacagact ccgcgcgct ggctggcctg 120
gcctggctgt cggcctctgc acccccgcgc cgggggttca gcgcgatctc ctgcaccgtc 180
gagggggcac ccgccagctt tggcaagagc ttgcgcgaga aatctggcta ctctctgtgc 240
cttagttctc tgggcagcct agagaaccgc caggagaacg tggtgccga tatccagatc 300
gtggtggaca agagccccct gccgctgggc ttctcccccg tctgcgacct catggattcc 360
aaggcctctg tgtccaagaa gaaacgcagt tgtgtgaagc tgttgcccct gggagccacg 420
gacacggctg tgtttgatgt ccggctgagt gggaagacca agacagtgcc tggatacctt 480
cgaatagggg acatgggcgg ctttgccatc tggtgcaaga aggccaaggc cccgaggcca 540
gtgcccgaag cccgaggtct cagccgggac atgcagggcc tctctctgga tgcagccagc 600
cagccaagta agggcggcct cctggagcgg acagcgtcaa ggctgggctc tcgggcatcc 660
actctgcgga ggaatgactc catctacgag gcctocagcc tctatggcat ctccagcatg 720
gatgggggtc ccttcacact ccacccacga tttgagggca agagctgcag cccctgggcc 780
ttctctgctt ttggggacct gaccatcaag tctctggcgg acattgagga ggagtataac 840
tacggcttcg tgggtggagaa gaccgcggct gccgcctgc cccccagcgt ctcatagtcc 900
ctcacccttc cgcggaaaga gcccccttac tccacctccc cgcagcctg gggccacccc 960
ccctcactgc atcctggggg gccaccccc ctcactgcat cctggggcca cccccctca 1020
ctgcatcctg ggaaccttcg ccctgcaagg cgtttgctat cttcaagcca ctgggcggag 1080
ctgcagccct ggaggagggg gcgggtcgag gctgcgtggt gatggggtct ccgccccac 1140
gccctgccgg gcagggtctg agctggacag aagccagtgc ctttaagtca tttgtgtcaa 1200
aaccctctgg ggtccggagg ctgtgcgggt gtccctctgg caataaacac taccgggttc 1260
tcaaaaaaaaa aa 1272

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<210> 8527
 <211> 805
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (718)...(192)
 <223> similar to gi609013 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8527

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gaaaacaaaa	tgtcagtaca	ttttgtattc	catagcattg	ctctgtggaa	aattagctgg	180
catccatttt	aaatgaaccc	tgttgacctt	cttccattcc	gtggcctgaa	taaaaaatat	240
cctcgacttt	gacttgcaaa	gggactttgg	aattcttctg	ccactctgaa	tctcttcatt	300
cttctctcat	gcaggtgagg	aacgagctgc	agcaacggat	gcacaactga	cgacacaaca	360
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agtgcgttgg	atgcctgagg	ctgagaatca	atggacagaa	aagacgaaca	agtatcatct	540
atctcattcc	acaactgtag	ctgttgttca	ggctgtaatc	cttgaggtaa	tattggagca	600
cctcggcagg	cgcccgcgca	ccaggcgagc	agcagcagca	gcagcaggag	cggggacgcc	660
tcggccacct	gtccggcggg	cgacctgggg	cggcagctct	ctgttcgcag	catctcggcg	720
gctgcgggag	gctcggtgct	agggacgctg	cgctgcgcca	cgcgtagctg	gtgctccacc	780
tggtgccctg	gctgtgcctc	ggggc				805

<210> 8528
 <211> 5616
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5550)...(3831)
 <223> similar to gill155088 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8528

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gggctggtgc	tgctgctctg	cgccccgctg	cccccggggg	cgcgcgccaa	ggaagttact	180
ctgatggaca	caagcaaggc	acaggggagag	ctgggctggc	tgctggatcc	cccaaaagat	240

gggtggagt	aacagcaaca	gatactgaat	gggacacccc	tctacatgta	ccaggactgc	300
ccaatgcaag	gacgcagaga	cactgaccac	tggcttcgct	ccaattggat	ctaccgcggg	360
gaggaggctt	cccgcgtcca	cgtggagctg	cagttcaccg	tgcgggactg	caagagtttc	420
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gaccaggatg	tgggcattca	gctccgacgg	cccttggtcc	agaaggtaac	cacggtggct	540
gcagacccag	agcttcacca	ttcgagacct	tgcgtctggc	tccgtgaagc	tgaatgtgga	600
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cgggagacgg	gcggggggcc	gccatggccg	ggccgggctg	cgcaggccgg	agcgtgcgcg	5580
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<210> 8529

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(246)

<223> similar to gi963092 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8529

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agtcaagaac	catttccaaa	caaggacatg	gaggggaaggc	ttcctaaggg	aaaacttcct	180
gacccaaagg	aaggggaaccg	caagaaaaac	gatgagacaa	acgctgcctc	cctgactcca	240

ctttttttaa	tcggaacacc	tccatttgta	ttacatatgg	tgtatgggta	ttgatgaggt	300
catggtatca	tatatgggat	tttttcttgt	gtaaatcatc	aagtataatg	aagaaactat	360
gggactcttg	g					371

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<210> 8530
<211> 2059
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(1181)
<223> similar to gi4827159 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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004436723 043400

<400> 8530						
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<210> 8531
 <211> 2652
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (556)...(1288)
 <223> similar to gil665801 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 gatcctagca atgcccctgg gagtgggacc gaaaaacgca aagccatgta cacaaaggac 180
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ccgtctgcgc	tgtttataaa	ggtgacgaaa	atztatgtat	aaacctaata	atatcattat	2100
aagataaatc	tgaagaaaaa	aggaaaatct	aactttgatt	ttcactggat	atggcaatgt	2160
gaaactgaat	cgtccgggtc	cattgaatat	tggaatggac	tgaatcactg	agacagcttc	2220
cgccaaacat	cccagtggtg	ataagggaat	ccacagagtg	taacgaagcc	atgtgagcac	2280
cttccaatcc	atgtcaatgc	acgtcagcat	gtagaaagag	tacctgaaaa	tttcaattgc	2340
actccacaaa	taaaacacaa	agaaaaccac	agctttgttc	tgcatttctt	ccatgggtgcc	2400
aaagatgata	aacaaaataa	aattttcttc	aagaagctgg	atcagagaag	gcagcaccgg	2460
tgacgtagt	actccaattg	ctgcattgat	agtttccaca	actgccagca	tctggcagaa	2520
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gaatcgcaca	gtcaggttga	caaagatcca	ggagaatccc	aagaattgca	caagattata	2640
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ccagtagaca	tgcggcgtca	acacctgatt	ctccatggcc	acactgccca	gggcgcgggg	3120
aggctaggct	cgctgcgcct	cgctgcctca	ggtagtgctc	tgctggcgcg	agcagaaagc	3180
aggcctcaaa	ccctagcgct	cctgagcgcc	tgcaaccggg	cacctcgagc	cggg	3234

<210> 8533

<211> 3326

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3005)...(2265)

<223> similar to gi2440074 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8533

gctccagcct	ccaacgacta	aggctgcaag	gtcagacgag	aggcagaggc	cccaggggccg	60
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tgagggtttg	tcagggttaac	gcgggttaca	aagcagggtc	accactgggt	gaagacatcg	180
acacggggcg	cactcgcccg	tgtgtgtatt	taaatctatc	agcttagcac	cattgcaaag	240
tcaagtgatt	tcaaagatag	ctacaaagtt	acaaatatat	attatgagat	tattacaatg	300
atattcagtt	tcatctgaac	tgtgatttaa	ttttatttga	atttgagggc	ttgtaactgt	360
ttaatccttt	cttattccgc	cacacaggaa	aatgcctaag	ttctaacggt	acacttaaaa	420
ctgcaactgt	ataacacacg	gttgtacaga	atgcttcagc	agtatgtgta	ttttgaggta	480
gacaggtaat	atttattcat	acacagctac	tcatagaccc	ttatacagtg	actctagaaa	540
atgatttgga	tgaatagcaa	gcttaggtta	ctgagtaact	caaaccgtcc	tgggagttga	600
tgggcttaaa	gaaagagatg	aattttgacc	aattcctaac	aaagaacttg	cttttgtttt	660

aaaaggcctt	acactgacaa	tcactcagat	ggaattaata	tgcattgttt	tctcatccct	720
aagataaggt	ctcttgagct	gctttttatc	taaagaaaagc	agaagaaaac	agcgaaattc	780
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cagcccgggtg	gagaagacaa	tgacaactgc	aggacaacac	ctcaaccact	ccagaaaaaca	960
gcccttgctc	ctccttctgg	ccttttcata	tttccaagtt	actgttttaa	aggaaaaaaa	1020
aaaatgtgtg	tgtggctgtt	tattctctaa	tgtgacaaaa	acatgaccat	ccggggaggag	1080
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ccaccagcaa	atctctccca	cggatgccag	gagagctctg	atcctaacca	ccaccacctc	1380
tcccttcagc	aaaatcaaaa	cagggaaaga	aaacatagga	aaccaaacyg	cggcactcaa	1440
caatttgggg	gaacaagtaa	tttttaaaag	taagagtgtg	tccgtaaacc	agcactgagc	1500
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cacgcagcgc	tgcctctctg	ctccgcacgc	ggactcgctt	ctgcaccctc	cttccggccc	3120
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cggctctcggg	gctgcggggcg	agcaaggcgc	acgcgggggtc	cgcgccggag	gggggagggg	3240
gcgccgctcc	ctctgggtcc	ccccaaagag	gaggagaaaa	aagcccgtcc	ggcctcgtgc	3300
caagctggcg	tggtcatggt	catgcc				3326

```
<210> 8534
<211> 1486
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc feature
```

<222> (169)...(1055)
 <223> similar to gil262329 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8534

ccgggtcgac	ccacgcgtcc	ggcagagcgg	agcgtggaga	gcggagcgaa	gctggataac	60
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gcccagggga	agccatcccc	agacgcaggc	cctcatggcc	aggggagggt	gcaccaggcg	180
gccccctga	gcgacgctcc	ccatgatgac	gcccacggga	acttccagta	cgaccatgag	240
gctttcctgg	gacgggaagt	ggccaaggaa	ttcgaccaac	tcaccccaga	ggaaagccag	300
gcccgtctgg	ggcggatcgt	ggaccgcatg	gaccgcgcgg	gggacggcga	cggctgggtg	360
tcgctggccg	agcttcgcgc	gtggatcgcg	cacacgcagc	agcggcacat	acgggactcg	420
gtgagcgcg	cctgggacac	gtacgacacg	gaccgcgcag	ggcgtgtggg	ttgggaggag	480
ctgcgcaacg	ccacctatgg	ccactacgcg	cccgtggaag	aatttcatga	cgtggaggat	540
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gatggggact	cgatggccac	tcgagaggag	ctgacagcct	tcctgcaccc	cgaggagttc	660
cctcacatgc	gggacatcgt	gattgctgaa	accctggagg	acctggacag	aaacaaagat	720
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gagccggcgt	gggtgcagac	ggagaggcag	cagttccggg	acttccggga	tctgaacaag	840
gatgggcacc	tggttgaggag	tgaggtgggc	cactgggtgc	tgccccctgc	ccaagaccag	900
cccctggggg	aagccaacca	cctgctgcac	gagagcgaca	cggacaagga	tgggcggctg	960
agcaaagcgg	aaatcctggg	taattggaac	atgtttgggg	gcagtcaggc	caccaactat	1020
ggcgaggacc	tgacccggca	ccacgatgag	ctgtgagcac	cgcgacactg	ccacagcctc	1080
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ctgggtcggg	cttctgtccc	tgtcacaccc	ccaaccccag	ggaggggctg	tcatagtccc	1260
agaggataag	caatacctat	ttctgactga	gtctcccagc	ccagacccag	ggacccttgg	1320
ccccaaagctc	agctctaaga	accgccccaa	cccctccagc	tccaaatctg	agcctccacc	1380
acatagactg	aaactcccct	ggccccagcc	ctctcctgcc	tggcctggcc	tgggacacct	1440
cctctctgcc	aggaggcaat	aaaagccagc	gccgggaaaa	aaaaaa		1486

<210> 8535

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(437)

<223> similar to gi510541 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8535

tcccgggggc	cccacgcgtc	cgcttgga	aaa	cccacccaga	acctttaccc	tctgacacca	60
tggtcagctc	ctgttgtgg	tccgtctg	ct	gaccaggg	ctgtggcctg	gagacctgct	120
gcccggccag	ctgctgtc	ag	accctgct	gcaggaccac	ctgctgccgc	cccagctgct	180
gtgtgtccag	ctgctgcag	ccccagt	gct	gccagtctgt	gtgctgccag	cccacctgct	240

```

gccgtcccag ctgtgtgtccc agctgctgtc agaccacctg ctgcaggacc acctgctgcc 300
gccctagctg ctgtgtatcc agctgctgca gacccagtg ctgccagtct gtgtgctgcc 360
agcccacttg ctgccgtccc agctgcagca tctccagctg ctgtcgcccc agctgctgtg 420
tgtccagggtg ctgcagggtcc cagcgctgc 449

```

```

<210> 8536
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(217)
<223> similar to gi512031 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8536
ctccaccctc tgacgccatg gtcagctcct gctgtggctc tgtctgctct gaccagagct 60
gtgggtcaagg tctcggccag gagagctgct gccgccccag ctgctgccag accacctgct 120
gcaggaccac ctgctgccgc ccagctgct gcatttccag ttgctgcagg ccttccctgct 180
gtatctccag ctgctgcaaa ccagctgct gcctgaccac ctgctgcagg accacctgct 240
gccgccccag ctgctgcatt tccagttgct gcaggccttc ctgctgtatc tccagctgct 300
gcaaaccag ctgctgcagg accacctgct gccgccccag ctgctgcatt tccagttgct 360
gcaggccttc ctgctgtatc tccagctgct gcaaaccag ctgctgcag 409

```

```

<210> 8537
<211> 1918
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (115)...(1436)
<223> similar to gi3294180 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8537
aagggatagg agggctcaaa gccggcacac atctgagtcc tcatggacgg gaggatgatg 60
agaagcatga ggctgagaga ggaggagtca cccggaccca gccacacagc gtcctgcctc 120
tgcggtctct cccctgcat cctgtgcagc tgctgccccg ccagccgcaa ctccaccgtg 180
agccgcctca tcttcacgtt ctctctcttc ctgggggtgc tgggtgcat cattatgctg 240
agcccgggcg tggagagtca gctctacaag ctgccctggg tgtgtgagga gggggccggg 300
atccccaccg tcttgcaggg ccacatcgac tgtggctccc tgcttggcta ccgcgctgtc 360

```

taccgcatgt	gcttcgccac	ggcggccttc	ttcttctttt	tcacctgct	catgctctgc	420
gtgagcagca	gccgggaccc	ccgggctgcc	atccagaatg	ggttttggtt	ctttaagttc	480
ctgacctctg	tgggcctcac	cgtgggtgcc	ttctacattc	ctgacggctc	cttcaccaac	540
atctggttct	acttcggcgt	cgtgggctcc	ttcctcttca	tcctcatcca	gctgggtgctg	600
ctcatcgact	ttgcgcactc	ctggaaccag	cggtggctgg	gcaaggccga	ggagtgcgat	660
tcccgtgcct	ggtacgcagg	cctcttcttc	ttcactctcc	tcttctactt	gctgtcgatc	720
gcggccgtgg	cgctgatgtt	catgtactac	actgagccca	gcggtgcca	cgagggcaag	780
gtcttcatca	gcctcaacct	caccttctgt	gtctgcgtgt	ccatcgctgc	tgctctgccc	840
aaggtccagg	acgcccagcc	caactcgggt	ctgctgcagg	cctcggtcat	cacctctac	900
accatgtttg	tcacctggtc	agccctatcc	agtatccctg	aacagaaatg	caacccccat	960
ttgccaaccc	agctgggcaa	cgagacagtt	gtggcaggcc	ccgagggcta	tgagaccagc	1020
tggtagggat	ccccgagcat	tgtgggcctc	atcatcttcc	ctctgtgcac	cctcttcac	1080
agtctgcgct	cctcagacca	ccggcaggtg	aacagcctga	tgcagaccga	ggagtgccca	1140
cctatgctag	acgccacaca	gcagcagcag	cagcaggtag	cagcctgtga	gggcccggcc	1200
tttgacaacg	agcaggacgg	cgtaacctac	agctactcct	tcttccactt	ctgcctgggtg	1260
ctggcctcac	tgcacgtcat	gatgacgctc	accaactggt	acaagcccgg	tgagaccggg	1320
aagatgatca	gcacgtggac	cgccgtgtgg	gtgaagatct	gtgccagctg	ggcagggctg	1380
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cagccaacct	gccccctccc	cacaccaatc	agccaggctg	agccccacc	cctgccccag	1560
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ggctccacgg	gagcggggct	gctggagaga	gcggggaact	cccaccacga	tggggcatcc	1800
ggcactgaag	ccctggtgtt	cctggctcag	tccccagg	gacctgcgcc	gcttcttggga	1860
cttcgtgcct	tactgagtct	ctaagacttt	ttctaataaa	caagccagtg	cgtgtacc	1918

```
<210> 8538
<211> 2466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(1613)
<223> similar to gil903218 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8538						
atcagagaga	gcagaaggat	cctgagcctc	gcaactctgcc	gcccgcacca	ccttcgcgtg		60
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atgcgggggtc	accaggaact	tcagctcctg	ctcagctgtg	gccccaaaa	ctggcaaccg		180
ctgctgcatc	agcgccgccc	cctaccgagg	ggtgtcctgc	taccgagggc	tgacgggctt		240
cggcagccgc	agcctctgca	acctgggctc	ctgcggggcc	cggatagctg	taggtggctt		300
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ggagaccaag	tggcagttct	accagaacca	gcgctctgcg	gagagcaacc	tggagccact		600
gttcagtggc	tacatcgaga	ctctgcggcg	ggaggccgaq	tgcctggagg	ccgacagcgg		660

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agtctcctgt	gggggcctct	cctacagcac	caccccaggg	cgcagatca	cttctggccc	1500
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tcctcatgtg	acctcgcatg	tgagaagccc	attatcgtgg	ggcatccttt	tgcctacagc	2220
ccctggttag	ggcacttttg	acagggtctt	ctattcagtg	aacctttgta	catttcaaag	2280
aagactccat	ggctgctcca	gatgccccct	tgtctgggtgc	aggtggggac	tgtccaatgc	2340
agagctggcg	ggacagagag	ttaagccact	tcctgggtct	ccttcttatg	actgtctatg	2400
ggtgcattgc	cttctggggt	gtctcgatct	gtgtttcaat	aaatgccgct	gcaatgcaaa	2460
aaaaaa						2466

<210> 8539

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1456)

<223> similar to gil668744 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8539

cagtcgtacc	ggttcggatt	tagcggaccg	acccacgcgt	ccgctggcct	cagagacctta	60
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ctgggtctct	caagagccca	ggagggggcca	gtgggggctc	cactcgtgtg	tccgcaatgt	180
actccagcag	cccttgcaag	cttccaagtc	tctccccctgt	ggccagaagt	ttctctgcct	240
gctcagtggt	tctgggcaga	agcagctaca	gggccaccag	ctgcctccct	gctctctgcc	300
tcctgctgg	aggcttcgct	accagctaca	gtgggggtgg	gggctgggtt	ggggagggca	360


```

tcctcactgg caatgagaag gagaccatgc aatccctgaa cgaccgcctg gccggctacc 420
tggagaaggt gcgtcagctg gagcaggaga acgccagcct ggagagccgc atccgtgagt 480
gggtgtgagca gcagggtcccc tacatgtgcc ctgactacca gtcctacttc cggaccatcg 540
aggagctcca gaagaagact ctatgcagca aggtgagaa tgccaggctg gtggtggaga 600
ttgacaatgc caaattggct gcagatgact tcaggacca gtatgagacg gaggtgtccc 660
tgcggcagct ggtggagtca gacatcaacg gcctgcgcag gatcctggat gacctgaccc 720
tgtgcaagtc tgacctggag gcccagggtg agtccctgaa ggaggagctg ctctgcctga 780
agaagaacca tgaggaggaa gtgaactcac tgcgctgcca acttgggtgac cgctcaatg 840
ttgaggtgga tgctgcccc cctgttgacc tgaaccgagt tctggaggag atgaggtgcc 900
agtatgaaac cctgggtggag aataaccgcc gggatgctga agactggttg gacaccaga 960
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gcatgagaga tgctttggaa tccaccttgg cagagacgga ggcccgcctat agctcccagc 1140
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gcggtcctag tgcagcccg cacaactgca gcgcccggcc catttgtgtg ccctgcccag 1440
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cttggcctct acccaaactt aacccttgta gcccaatccc ctctcttcgc gcagagccca 1560
ggcccagggt ctggtgaaa aggttttctg caaatacatg ccctaaagt tctcagagcc 1620
tgtcaciaaag gccggctgcc cccaaaggct tcaactcctc atcatttcaa tgggtgccag 1680
ggtctctgtt ctcaggctgc ctccctgggtc aggttttctt tctaggtgct gttccgggtg 1740
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aaaaaaaaaa 1810

```

<210> 8540

<211> 2317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (404)...(1227)

<223> similar to gi4008445 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8540

```

gtcctgctca gtcgtcaggg cccggccaat ccggaggggc ctcggcgctt ggctgggggc 60
caggagcgcg tctggcctgc agtgcgcaga ggacgcggcg ggagcatgtt ccggtcctg 120
agctggagcc tgggcccagg ctctctgcgg gccgcggggc ggcggtgccg gggctgctcc 180
gcgcgcctgc tcccggggct ggcaggaggg ttcggggccc gaggtgcagg tgccgccatc 240
ccgagtcgcg ccgcacggcc ggggcccagg cctgctgccc ctgctggcag cgctcgctg 300
gttctcgagg cccgctgccc cagaggagga ggagcagcag ggagccgacg gggccgctgc 360
cgaggacggg gcggacgagg ccgaggcaga gatcatccag ctgctgaagc gagccaagtt 420
gagcattatg aaagatgagc cagaagaggc tgagttaatt ttgcatgacg ctcttcgtct 480
cgcctatcag actgataaca agaaggccat cacttacact tatgatttga tggccaactt 540
agcatttata cggggctcagc ttgaaaatgc tgaacaactt tttaaagcaa caatgagtta 600
cttccttgga gggggcatga agcaggagga caatgcaata attgaaattt ccctaaagct 660
ggccagtatc tatgctgcgc agaacagaca ggaatttgct gttgctggct atgaattctg 720

```

catttcaact	ctagaggaaa	aaattgaaag	agaaaaggaa	ttagcagaag	acattatgtc	780
agtggaagag	aaagccaata	cccacctcct	cttgggcatg	tgcttagacg	cctgtgctcg	840
ctaccttctg	ttctccaagc	agccgtcaca	ggcacaaagg	atgtatgaaa	aagctctgca	900
gatttctgaa	gaaatacaag	gagaaagaca	cccacagacc	attgtgctga	tgagtgcctt	960
ggctactacc	ctggatgcac	agggccgctt	tgatgaggcc	tatatattata	tgcaaagggc	1020
atcagatctg	gcaagacaga	taaatcatcc	tgagctacac	atggtactca	gtaatctagc	1080
tgcagttttg	atgcacagag	aacgatatac	acaagcaaaa	gagatctacc	aggaagcact	1140
gaagcaagca	aagctgaaaa	aagatgaaat	ttctgtacaa	cacatcaggg	aagagttggc	1200
tgagctgtca	aagaaaagta	gacctttgac	aaattctgtc	aagctctaa	tccatttttg	1260
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ttggtgctgt	ccctgctggg	ctaagtagaa	ctgtagattc	atatgggctg	gtgttcctgt	1560
gcgctgtggg	tgtggtgatt	cagcctggca	tttctaccat	aagtttttgg	tctgctgatt	1620
tgctgccctg	tcttctctta	ctttacttta	tcaatacctg	gcaaactgac	cataattacc	1680
ttcctcatgg	caaaggggga	ttatggtgaa	ttgttgaaata	ttatagtctg	tttcatgaag	1740
cacaagtgga	atttaataca	taaaagagaa	aaatatctta	gtttgctacc	agcattccag	1800
catgaagtth	taaagtgggg	attaggcacg	tgacagtata	gcacccattt	gaattttaa	1860
aaaacgtgaa	ccatattttat	ctggttatat	aaaactaaaa	atgggggtgt	ttatataaaa	1920
ctaaaaacta	agaatgatgt	aaccttttgt	ctgtgttatc	tgaacactct	acttcctttg	1980
cagccttagt	cacacaactg	agtcacgtca	agtactcttt	aaggacacac	agcccaggct	2040
gttctgagtg	agaataaggcc	cctacagtga	tatttttaaa	ctcttcgtaa	ttctaattgt	2100
tactgctggt	atagctgaac	tactgacctg	gatcttagtc	ctagcctttt	tgcttttgca	2160
atttcagtat	cttcatctct	aaactaggga	aacactggga	ttctttctta	gctgtggggg	2220
aaagtatttg	gttagatgac	tttgaatgaa	tagactgctg	tgctgaaaga	gctttatcac	2280
actgtctcaa	agtatgtaaa	gatacatagg	tggtatgc			2317

```
<210> 8541
<211> 2286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1958)...(950)
<223> similar to gi532128 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8541						
tttttttttct	tattttctaca	tatgataaat	tttgggtatt	tgtttcaaaa	attagcaata		60
ctagtgacta	tttaataatc	aaaaacataa	agcatctcta	gaagtaaaag	gaaatTTTTg		120
gttagaaaca	atttgatact	ataaaatTTT	taaaactgaa	aatagtaacg	accatattta		180
gcatttgaaa	acattattta	atacagattt	tggtaacatt	aactaatact	tattccaaga		240
ttatatggta	aatattttata	tttatactgc	cagactacat	agagaaaacag	ggattttaatt		300
ctaagttata	ttaccccaaa	aagaaatact	ttctaataat	gaattcaaca	agatgtacca		360
ccaacagaga	cagtgaatgt	attttcacct	cctaaacagc	ctatttttat	atgaaaatcc		420
taaattattct	acatcagtc	atgactggca	tttcaagagt	aaatgtattca	ttttacttac		480
aatgcatcaa	gataaaaagg	ttacactgaa	caactagaat	gtttactgaa	attaactcta		540
ttaaagtaaa	acttaaaaaa	cttattttggg	acatttttcat	tgtcttacct	taacgaacgt		600

gaaacagaga	aaaacagtca	cagaatcgtg	ctaagtttat	aataaataat	tcacatacaa	660
cataggttaa	attatcaaag	aaattaaact	gacatcttta	taccttttgc	agattttaaca	720
catttcta	ccaccacata	cggatagcag	taggtatatt	tcttgacatc	attcagtccta	780
tttcaaaaat	agatttgatt	gttttagaggc	ataattttata	aagcaagata	accaaatttaa	840
acaacagaa	tttaactaat	attggctttt	tgggatttct	taagaaaaga	ttcacaagca	900
ttgctcagct	actggagaat	aattaaatct	cttctttact	caggcacttt	taatgcagta	960
acctcaggct	tcatTTTTaaa	gtactgggta	aaacgaacaa	ttgcataccc	aaggaaatca	1020
aactcaatag	tggagtatTT	ggcttgaatc	aaagcccaca	atccccaaaa	gaaatgagaa	1080
gccaatgcaa	actgattgac	ttgaatgaag	agtattttcta	cctccttttc	agtaacttca	1140
gtcccaaagc	ccttaaattc	tttgtaggct	tcaaggtaag	cacgcagcca	ctgactctgt	1200
agttctctat	ctggatacag	actatagctc	acatcactca	cacctgcaaa	ttcattgaaa	1260
tgatttccaa	tatcataatgc	caggtagttg	tatccagaat	attcataatc	aatgaactgt	1320
acatcacctt	gtttctcatt	gtagattata	ttcttacaca	ataggctcatt	atggcaaagc	1380
acaacaggtg	agcccagggt	ggaaagaatc	tccttcacatc	aagtcattctc	ttcctggaga	1440
atctgagagc	ttgggatatac	acttaggaac	cttttatttaa	tgtcttcac	tgcaaatcct	1500
gtgggaatga	gagagaaata	ctttcccatc	tttagccaaa	gattagattt	ggggatccag	1560
ccatttgtgtg	catgaatagc	atggatttta	gcaagctgac	gagctattag	cctgaaaatg	1620
gctgggttgc	agacatgctt	tggatccagt	gcttctcctt	gtataaattc	atagcatagt	1680
ccattattga	aggtacagta	gagttgtggt	gcacacccat	gagcctgcaa	cactcgaaaa	1740
ctctttactt	cctcatctcg	atcgactaat	aactcagtc	tattgccata	aattctcacc	1800
aggactacat	cctccatggt	gtttcccacg	taacagccaa	taagtttatt	tgtgattcca	1860
tctgtgaaga	gctgcagggt	cacctcctgg	gggtcccagt	gaggccgcag	gtgttgagg	1920
aggctcagg	ccccctccc	gcagcgatgc	tcctcctgat	cctgaacggt	gacgttcagc	1980
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ggcgagcg	caggagaacg	tctggaggcg	gcactgtttgc	cgatccgggt	ctggacagca	2220
gctgaactga	gcccggcccc	ctctcggaga	aaattcctgt	tgtcggagct	ggatcgcggg	2280
cggccg						2286

```
<210> 8542
<211> 1488
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1430)...(857)
<223> similar to gi20888854 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8542						
ggccggggac	gtaaaacttg	gtcctctaaa	acggccccc	ctttttttt	tttttcaagt		60
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gctcctcaag	ggagactcac	acagttcctt	acaacataaa	taagaaatag	acgtaatggc		180
ttcactcagt	agaaaactag	cagcatcatt	ctgggccatg	gggcattccc	caggggtcac		240
catccagcag	cctctccctg	ggggcagagg	acgcctggtc	agaacagcta	taactcatcc		300
atcatggcga	gcaaatcgtc	ccctttgctg	gtgctcagcc	ttggctgctc	cgtgatctca		360
aactccccca	tgattcgagc	cagctcctcg	ctccgttgct	ggtcctgggt	ggcttgatg		420
ttgataactt	cataggataa	ctcttctggc	ctgggttagcg	ctgcttgctc	ctcttcttca		480

tcggtggttaa	agagattcaa	ccggaatccg	ggctcagggc	cactggggttt	cttaatctcc	540
atccctccca	tcagcctggc	caagaaattc	agctcttctt	tagcaagagg	gtttggagca	600
atgctttcct	gggtccatga	ggctaagttc	tttgatgatc	cagacacatg	agtttccaca	660
ggctgattca	cgctgtacat	gttagttccc	agtttcagga	ctcggctctcc	ataaaattca	720
aaagaacctt	ctttgggtgc	agggacatag	tttcccccat	gcttgaattc	tatcctcttc	780
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aacatggata	ctcggatgtg	caggtccttg	aagaagatga	ggagtgtctg	ccggatcagc	960
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acttgctgca	ggatgggttg	ggagtctcgg	atgaatccct	tgatgggtatc	caagtgattg	1080
aaagtgaacca	gcagcacatc	cttgggtcgg	ggacacagca	atacttgata	tttgaaagcc	1140
atgggtcatca	ggcatagag	cttatccatg	ctggcctggt	tcagtttcat	aatggaggca	1200
tgagccaggc	gctcatagac	agtcctcagg	gccttcttg	agtagagctc	ttgaggcttg	1260
aataattcct	ccataaactt	tctattgaac	atgggtggaga	tgatgtcatt	cagaactttg	1320
cgggccttgt	ctcccgggat	gttctgggcc	cgcagccgtt	ggtcgaggat	gtaaagcatc	1380
tccccgccca	agttcaagaa	gagcagcgg	agcgtccgca	ccgacatggt	gctggaaacg	1440
agctggactg	gtgaagagcc	ccgggggttcg	gtagccagt	gcctgaag		1488

<210> 8543

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1105)...(278)

<223> similar to gi386792 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8543

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gctaagtcca	ggtgtttgta	ttcgggctag	aaaaggcaat	gtcccaagtc	tctgctgcct	180
gtcacagtcc	ttcagccagg	gctggacctc	aaccctgagg	agtcacactg	agttccagt	240
accaccgtgg	tgggtggccat	gccactcatg	gttgctatgg	ccggaaggcc	tggggcagcc	300
tcctccaagc	cgctcgcaac	ccgtaggtgc	ccatccgctg	ctggcgcaag	tgctggccga	360
agatgaagca	gagcaggaca	gatgtcacga	acagggacag	caacaccgac	accaccgtga	420
ctatgatgac	catctggctg	tccgacacag	gctcatagat	ctccaacatc	ttcggggctg	480
agtgtttgtg	aaagatgttg	ccaccgcgag	acatcaagtc	cagcacagcc	aggcaggaga	540
agttgcggtg	gccatcctct	ctgtcagccg	tgtgtttgaa	tgtggctgtg	gcctcctgcg	600
gagcaggggc	tgccttcccg	aaggctctcat	agtgcagagt	ctcattgcca	cggaacagga	660
agaggggtgag	gctgtccagg	ggctccacgg	tgggcaccct	gactcaatg	gtgaaggact	720
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ccgtgtcatg	ggagatgttt	gagaccaagt	aatgtttcca	ctgagcctgt	tcgtccagca	900
gaatcttatc	tagagaggtc	tccagaccac	ccacttcagg	ctggttacag	gtggtgctgc	960
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cgaatacctt	ctcatccgat	cctggacagc	agatcaggg	gaagagggcc	acagtcaggg	1080
tcctgtaacc	gaaagaggac	atctctggca	gtctccacgg	gctcgcaggg	accagccaag	1140
ggctgcctgg	aggagatgg	tgggcgcagg	tctgagctat	ggcccagaat	ccctagcctt	1200

ctgcaaactg	atgactgcat	ttcctctcat	tatctgagag	atctttggga	agccacgtgc	1260
accagctcgt	tctaggaccc	caggcctcta	agaatccagg	cagaggaagc	tgggaagctg	1320
ctgataagca	gggcataacc	cagtcctcc				1349

<210> 8544
 <211> 6529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6530)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6528)...(4646)
 <223> similar to gi3930527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8544						
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ctaaaaatga	ctctacatgt	caaactcaaa	tagaaaatgt	catgcaatat	ataaatcact	180
aatggacctc	tgggtgcagtc	agcaagttta	ctatgtttat	taaagtcaca	taaatggttt	240
gacaaaagtg	cacaatagaa	tgacatcacc	ggtttgttat	aatcacagt	gaattactag	300
aatacaacag	tgtagtccct	ctgcacggag	gattgcagga	tggggtgaaa	aggacagggg	360
cttttccatc	gattaggcca	gtcagatttt	actccccaac	tgtgtacctt	tgaaaagact	420
gtgaggaaag	ctgagtttct	ttcctcatct	tttctcctct	accagttact	aagcaacaac	480
aacaaaaagc	catgcacaaa	ttttacaacg	cctgataaaa	aatagataca	aatctttggt	540
catttcatca	tttggaagc	ttgcatcttc	gtcctttcac	ttttttgatt	aggccattca	600
tcacatgact	cacccttgga	attaaaggct	ngtaaataat	ttaggcaata	cttaccctta	660
tacacacatc	aggatacact	cccataaacc	atcaagtcac	tgtctcttcc	cctacacatt	720
aacacaaagg	tacacaccac	aaacctagag	accacattta	ctttacagtt	ttaaaaatta	780
atatatctcc	actatcaata	gtgtagtatt	tatttcagat	cccttatttg	ggggagggca	840
tgtgtataaa	cccagcccat	ctaaagattt	gggcaagtct	gccagaaata	cataagaaag	900
ccctgcaatg	tgataaacac	ataggagttt	tctactttca	agagatgaca	tccagaacaa	960
agctatgcat	tttcagagta	ggaatggaca	cacagcttaa	aacctctgga	ctaaaaatat	1020
ttcatagcac	aaaaggcaga	gttttgtttt	ctttaacccc	tttttaattg	tatatagtca	1080
gtgagaaaaa	cagaatagtc	atgtgtgcat	caacacatct	aatttgaaaa	ggaacattta	1140
agattcttac	agaaaatcta	tcataaaaaa	caagtccttt	atactttcat	tcattttactc	1200
actaattcag	ccactggctg	tttctaacc	agcaaaactaa	tcaaaggtct	ggcaactccc	1260
tttcccatcc	ccccctttc	aaaaaaaaaa	aagaaacgct	tctgcttaaa	taacccaaag	1320
tgggtcttatt	cataaagtag	ctgcctcaac	tatagtgaaa	actcttaaca	gggtgttgct	1380
cacttgaaaat	tttaattttc	aaaacatttg	tcaaacagag	ttggtattta	gaaagctgct	1440
gcccccaaat	catattttac	ttcaaacaat	gttatcatac	ctaagttctc	acaattacca	1500
attattagtc	cactattagt	ataatgaaat	aaaacccttc	tcagaaacaa	gcagacaaaa	1560
gcttacagat	ggctctgctt	ggggtttggt	ttatttaaaa	ttcccacagc	aaagaacctt	1620
aacgtgattg	ggctgtgggc	tactagagca	accaggggtg	actgaaaaag	ctatgttttc	1680
agtgtcagtt	ctaattgtaa	aatgttcccc	ttctttatca	atcgagggga	tgggtttgcc	1740

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```

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<210> 8545
<211> 1200
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (892)...(265)
<223> similar to gi3249005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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gtagttatgt actctgctac aaagaactag tggaggtaaa cttcggcagt aaaattctca 240
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attttcctta agtgcttcat acagcgccct tctccgtttt tctgccactt ccttccaata 600
ctgagaggat ggattttctt taatcataag atcaaatgac tcctgggtga ctctccaag 660
atttttatct tccactagatt ctgggacaa aaccccaggg ctggaagttg tagatgttaa 720
gtggctcattc cgatgtttcc ttttgacaa gcctgcgga agctcatttt ctcttccaac 780
aagagatcca gatgcagaag gctgaatcat cttcagagtt cttcttgga cagaactatt 840

```

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cacttcct	g	cgctctt	g	ccactt	actg	ggtggag	acg	ctcaat	cctc	gtagcga	acg	1080
cacgtag	c	tggctgc	agc	acctcg	caaa	aggccac	agc	tcacct	acgc	tgatcccc	ac	1140
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```

<210> 8546
<211> 906
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (119)...(761)
<223> similar to gi409733 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gcagcgct	gg	cccctg	ctgc	tgctggg	tct	ggccatg	gta	acccatg	ggc	tgctgcg	ccc	240
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ccaaaggg	gc	ctggag	ctgc	aggatc	ccag	gggaagg	gtc	tctctc	tgca	tcccaag	cca	840
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aaaaaa												906

```

<210> 8547
<211> 7439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (46)...(6174)
<223> similar to gi3668410 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gatgtagcaa atgaagacaa actgagcctt ctgaagtcag tccctgcagag ccctctcttc 180
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cctactctgc aaaatgaatc gtttttatta tccccaaaca atgggaatct ggaagcactt 360
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<210> 8548

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (472) \dots (1202)$$

```
<223> similar to gi5630087 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 8548

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cagctgggga	aggacgcct	gagtccttg	gccctactcc	tccgcccacg	gcgcgcatat	180
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gcctgcagtg	ccatcctcat	gtacatattc	tgcactgatt	gctgggtcat	cgctgtgctc	360
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tgggtccgaa	actgggctgt	gtggcgctac	tttcgagact	actttcccat	ccagctgggtg	480
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cagctgggga agga

ccccgcccc tccc

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tgggtccgaa actg

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ccaggcatac ggcc

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tcaaagaatg ggac

agctccatgc ctgc

gccctgcgtc atgc

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gaggtgaact gago

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<210> 8549
 <211> 2836
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (57)...(2428)
 <223> similar to gil79004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8549						
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cctctggaaa	ctctggacct	ggaattcaag	gtggaggagc	cattgtccag	agggctatta	180
agcggcgacc	agggctggat	ttgatgatg	atggagaagg	gaacagtaaa	tttttgaggt	240
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aggaactgaa	acatttgatc	ttggaggcag	cagatggctt	tctgtttatt	gtctcatgtg	600
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acttcgtggt	ggtccactgc	acaggctaca	tcaaggcctg	gccccagca	ggtgtttccc	1020
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gattgcaggt	aactagttct	cccaactgta	cagacatgag	taatgtttgt	caaccaacag	1140
agttcatctc	ccgacacaac	attgagggta	tcttcacttt	tgtggatcac	cgctgtgtgg	1200
ctactgtttg	ctaccagcca	caggaactct	taggaaagaa	tattgtagaa	ttctgtcatc	1260

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ctgaagacca gcagcttcta agagacagct tccaacaggt agtgaaatta aaaggccaag 1320
tgctgtctgt catgttccgg ttccgggtcta agaaccaaga atggctctgg atgagaacca 1380
gctccctttac tttccagaac ctttactcag atgaaattga gtacatcatc tgtaccaaca 1440
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acaatcattc ccaggtggtt cagcctgtga caaccacagg accagaacac agcaagcccc 1680
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gagaggagaa atgtcc 2836

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<210> 8550
<211> 2565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(1520)
<223> similar to gi32452 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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gtcaatcaca cgcagctttt aggtttgttt gaataagaga tctgacctga ccggcccaac 180
tgtacaactc ttcaaggaaa attcgtatatt gcagtgggaa gaataagtaa cattgatcaa 240
gatgaatgcc atgctggaga ctcccgaact ccagccgtg tttgatggag tgaagctggc 300
tgcagtggct gctgtgctgt acgtgatcgt ccggtgtttg aacctgaaga gccccacagc 360
cccacctgac ctctacttcc aggactcggg gctctcacgc tttctgctca agtcctgtcc 420
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agccttgatg ggggaagatgg gaagggtgag gtcgccacat ccttatgggc accggaagtt 540
catcactatg tctgatggag ccacttctac attcgacctc ttcgagccct tggctgagca 600

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ctgtgttgga	gatgatatca	ccatggtcat	ctgccctgga	attgccaatc	acagcgagaa	660
gcaatacatc	cgcactttcg	ttgactacgc	ccagaaaaat	ggctatcggg	gcgccgtgct	720
gaaccacctg	ggtgccctgc	ccaacattga	attgacctcg	ccacgcattg	tcacctatgg	780
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gagggcccag	gaaaccttca	tgcaatggga	tcagtgccgg	cggttctaca	acttcctcat	1020
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taagaaaccc	cagagcctgg	aagacacgga	cttgagccgg	ctctacacag	caacatccct	1140
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<210> 8551
<211> 5002
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (800)...(5004)
<223> similar to gi961452 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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tgaaggttga	gaacctggaa	cccgctttcca	aagaccaagc	ccttttctctg	tgccctcaca		180
cagtccttgg	ctgtagctgt	ttttattacc	cctattttac	tactgqqgaq	qagattttgaq		240

gtcctgaaag	tgaagtgact	tgctggacgt	cacttagcag	aggagatggc	gaaacctgga	300
ttagaggcga	tgccttctaa	ctcccagcgt	ggacttgccct	cctttcctgg	gggtgactga	360
atgcccagcc	agggacgcga	cgtctctggc	cagcagaaat	acggcctcct	ccccgccgac	420
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ggcgggcgtc	gcgattggcc	gtcctgcagc	cgttgagatt	tgaactcggc	atttgtggct	600
ttgcccgcgc	gttgccagac	tcagaggcgg	ccctttgcct	ctgcctgccg	gggattggcc	660
ggattctccg	ccgacttgaa	aactgccttg	ctaattggtg	cgtgttggtc	acgcgtgttt	720
tttccttttc	atttcagcct	gactgccgga	atcagagccg	cgggtgagat	ccccagccct	780
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caaacatctt	ccaccacagc	ttagagcttt	tcaggctgcc	tttcgagctc	aggggcccct	960
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caaggcagcc	catggctttg	actgggaaga	agagaggcaa	ccaattcttc	agcttttaac	1320
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gcccacactg ctgggggact cccgcatgct gtactttctgg ttctctgagc gagtcttcca 900
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```

```

<210> 8553
<211> 4389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(1714)
<223> similar to gi3851711 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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gcagaacatc ttgatcatgt catgtttcgc atgggattat tagctgtcct gaggtcaaaa 240
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catgattatg gcttggttaac aacaccccag ctgcactaca tgggtgtattg tcgaaacacg 600
ggtggccgat atggaaaggc aactatagaa gggttactacc agaaactctc taaggctttt 660
gtggaactca ccaaacaggc ttcttgagct ggagatgaat acagatcact taagggttgac 720
tgtgcaaagt gcataggggc cctgaagcta agggaaatgg aacactactt ctcacagggc 780
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gactttgtga aaagtcatca gaaacctcca cagggaatgg aaattaagtc caatgaaaga 900
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cttaaagttc	aggttgcaga	caggagagtt	attagcacta	ccgatgctga	aagacaagca	1500
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aaaaaaaaaa						4380

<210> 8554
 <211> 3230
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (183)...(2420)
 <223> similar to gil88658 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8554

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```

<210> 8555
<211> 2987
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(2988)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (87)...(1907)
<223> similar to gi2706518 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gaaacaaaga cttggaaggg tttaaagactc tgacattcct ggctgtcatg ctcatgttgc 360
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<210> 8556
<211> 2562
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2454)...(1737)
<223> similar to gil006665 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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gttaatatat	taaaaataaa	atatacacag	taaaacaaca	ggcatccaga	tgttcagaat	180
catgcagata	ggagtgggtt	ggttggtggt	atcactgggt	accttgcccta	tttaactcgc	240
cagcaaatac	cacttcctct	gtttctcatt	cccatataat	tcatcaaaat	cagagagttc	300
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ggttatcatc	aaaccaagaa	ttccactgat	catttgatca	gccattact	aggaacagg	420

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gattaatcaa	caaagcaact	attaacaaca	tgttaatctt	aataaagac	actgagagaa	540
aagtaaaaat	aatacataaa	tatcactcca	ctgagccagg	atataactca	tggactacag	600
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tcctcctcgg	gggccaggag	ctccgtctcg	tcagcacccg	cggccgggcg	cgcggccctc	2520
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<210> 8557

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(727)

<223> similar to gi5639941 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8557

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00406725-013100

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gctctttctc	tggtggccct	ctacttcaga	ttactttcta	tgaagacaaa	aattttcaag	240
gccgtcgcta	tgactgtgat	tgcgactgtg	cagatttcca	cacataccta	agtcgctgca	300
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ggaagcccat	cgattggggg	gcagcctccc	cagctgtcca	gtctttccgc	cgcattgtgg	720
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<210> 8558
 <211> 5493
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (527)...(2810)
 <223> similar to gi37433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cccccttggg	ggcggggggc	ggggccaggc	tataaacggc	cggttagggg	ccgcatccc	240
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<210> 8559
 <211> 1652
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (93)...(557)
 <223> similar to gil872487 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gtgagtgtgg	ggttggccgt	gtgctaagaa	gtgatggcaa	gacttgtgaa	gacgttgaag	180
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tcttctctct	caagacatgt	ggtacagtgg	tcatgtgggt	gaatgacaag	attgtggcca	480
gcaacctcgt	gacaggtcta	cccaagcaga	ccccggggag	cagcggggac	ttcatcatcc	540
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tcttcccatt	cactctggag	atcttcaagg	acaatgagtt	tgaagagcct	taccgggaag	720
ctctgcccac	cctcaagctt	cgtgactccc	tctacttttg	cattgagccc	gtggtgcacg	780
tgagcggcct	ggaaagcttg	gtggagagct	gctttgccac	ccccacctcc	aagatcgacg	840
aggtcctgaa	atactacctc	atccgggatg	gctgtgtttc	agatgactcg	gtaaagcagt	900
acacatcccc	ggatcaccta	gcaaagcact	tccagggtccc	tgtcttcaag	tttgtgggca	960
aagaccacaa	ggaagtgttt	ctgcaactgc	gggttcttgt	ctgtggagtg	ttggacgagc	1020
gttcccgtcg	tgcccagggt	tgccacgggc	gaatgcgtcg	tggggcagga	ggagaggact	1080
cagccgggtc	acagggccag	acgctaacag	gcggcccgat	ccgcatcgac	tgggaggact	1140
agttcgtagc	catacctcga	gtccctgcat	tggacggctc	tgctcttttg	agcttctccc	1200
cccaccgccc	tctaagaaca	tctgccccac	agctgggttc	agacttcaca	ctgtgagttc	1260
agactcccag	caccaactca	ctctgattct	ggtccattca	gtgggcacag	gtcacagcac	1320
tgctgaacaa	tgtggcctgg	gtggggtttc	atctttctag	ggttgaaaac	taaactgtcc	1380
accagaaaag	acactcacc	catttccctc	atttctttcc	tacacttaaa	tacctcgtgt	1440
atggtgcaat	cagaccacaa	aatcagaagc	tgggtataat	atttcaagtt	acaaacccta	1500

gaaaaattaa	acagttactg	aaattatgac	ttaaataccc	aatgactcct	taaatatgta	1560
aattatagtt	ataccttgaa	atttcaattc	aatgcagac	taattatagg	gaatttgga	1620
gtgtatcaat	aaaacagtat	ataattttaa	aa			1652

<210> 8560
 <211> 1521
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1522)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (213)...(1038)
 <223> similar to gi984663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8560

ggatccacgt	cccacggggc	ggacccgcgg	ccgcgttcgg	aaatcagcct	gagcctgagt	60
accgctaagg	ctttaatcac	gggtcccag	agccctaagt	cttctctttg	cttgctgata	120
tcgtacctta	atgtgcaaaa	gaatcacgtt	gggaactgaa	aattcagaat	cctgggcctc	180
actcccagag	gatctgatct	acatgtgtgg	agatgccag	gaatctgctt	tattctcttt	240
tgtcctccca	cctgtccccc	catttcggca	cctcggtaac	ctctgccaaa	gtggctgtga	300
atggcggttca	gctgcattac	cagcagactg	gagagggaga	tcacgcagtc	ctgctacttc	360
ctgggatgtt	aggaagtgga	gagactgatt	ttggacctca	gctcaagaac	ctcaataaga	420
agctcttcac	ggtgggtcgc	tgggatcctc	gaggctatgg	acattccagg	ccccagatc	480
gcgatttccc	agcagacttt	tttgaaagg	atgcaaaaaga	tgctgttgat	ttgatgaagg	540
cgctgaagtt	taagaagggt	tctctgctgg	ggtggagtga	tgggggcata	accgcaactc	600
ttgctgctgc	aaaatatcca	tcttacatcc	acaagatgg	gatctggggc	gccaacgcct	660
acgtcactga	cgaagacagc	atgatatatg	agggcatccg	agatgtttcc	aaatggagt	720
agagaacaag	aaagcctcta	gaagccctct	atgggtatga	ctactttgcc	agaacctgtg	780
aaaagtgggt	ggatggcata	agacagttta	aacatctccc	agatggtaac	atctgccggc	840
acctgctgcc	ccgggtccag	tgccccgcct	tgattgtgca	cggtgagaag	gatcctctgg	900
tcccacgggt	tcatgccgac	ttcattcata	agcacgtgaa	aggctcacgg	ctgcatttga	960
tgccagaagg	caaacacaac	ctgcatttgc	gttttgca	tgaattcaac	aagttagcag	1020
aagacttcct	acaatgagaa	tgcaactcc	agtcttggtg	gttccttcgt	gtggggcttg	1080
atcgtgttgc	tgctgtttaa	catgatgcct	ttgaaactct	ccgcctttga	aactttctac	1140
ccctcccttc	aatcttatcc	taaccaaagt	agaataatga	catattgaaa	acagcctcta	1200
ggcttcaggc	tgggcacgg	ggctcacagc	tataatctca	gcactttggg	aggctgaggt	1260
gggagaattg	cctgaagccc	aggagttcaa	gacccaagnc	tgtgcaatat	aggagactc	1320
cgggctctac	aaaaaaagag	tttttcaaaa	ttagccaggc	gaagtggcac	acatctgtgg	1380
tcccagggtgc	tcaggaagct	gaggtgggag	gatcacttga	gccaattca	aagctgcagt	1440
gagctgtaat	tgcatcactg	cactccaacc	tgggcaacag	agtaagacct	tgtcttaaaa	1500
aaaaataaaa	acataaaaaa	a				1521

094325-0100

<210> 8561
 <211> 2051
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (26)...(1249)
 <223> similar to gi558530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8561
 ctcggtccct aacattaaag agaaaatgct gctatccgtg acttccaggc ccgggatttc 60
 gacttttggc tacaatagaa acaacaagaa gccatatgtg tcaactggctc agcagatggc 120
 accacctagc ccaagcaaca gtacacctaa cagcagtagt ggaagcaatg gaaatgacca 180
 gctgagcaaa accaacctat acatccgagg attgcaacca ggcactactg accaagatct 240
 tgtcaagctg tgtcagccat atggcaagat tgtttccact aaggccatac tggacaagac 300
 cacaaacaaa tgtaaaggct atggctttgt agattttgac agcccttcag cagcacagaa 360
 agctgtaaca gcactgaagg ccagcgggtg acaggcacag atggcaaagc aacaggaaca 420
 ggaccccaca aatttataca tctcaaacct ccactgtca atggatgagc aggaactgga 480
 ggggatgctg aagccctttg gccagggtat ctccaccgt atccttcgag ataccactgg 540
 gaccagcaga ggtgttggct ttgcaaggat ggagttcaca gagaagtgtg aagccatcat 600
 caccactttt aatggaaaat atattaagac accccctgga gtaccagccc catccgatcc 660
 cttgctttgc aaatttgctg atggcggggc aaagaaacga cagaaccaag gaaaatttgt 720
 gcaaaatgga cgggcttggc caaggaatgc agacatgggc gtcattggcct tgacctatga 780
 cccaccaca gctcttcaga atgggtttta ccagccccc tataacatca cccccaacag 840
 gatgcttget cagtctgcac tctccccata cctttcctct cctgtgtctt cgtatcagag 900
 agtgactcag acatctctc tacaagtacc taacccatcc tggatgcacc accattcata 960
 cctcatgcag ccttcagggt cagttctgac accagggatg gaccatccca tttctctcca 1020
 gcctgcctcc atgatgggac cccttaccga gcaactgggc catctctccc tcagcagcac 1080
 aggacgtat atgccgacgg ctgcagctat gcaaggagct tacatctccc agtacacccc 1140
 tgtgccttct tccagtgttt cagtcgagga gagcagcggc caacagaacc aagtggcagt 1200
 ggacgcaccc tcagagcatg ggggtctattc tttccagttc aacaagtaac agtgggattc 1260
 ccctccccat ctttactgaa tagaaatgaa ttcttgga taactcatgct ccagattcc 1320
 agaggggtta ccaggaatgg agaccatccg tcggccctgc taaggactaa cacttagcca 1380
 tcgtttttca caggcctggg cctggaaaaa gaaatctcta cgttcctgcc ctttactatt 1440
 gctgatggag cctgggggaa ccatcacttt ttttgtgtgc tacattcaag gagatcaaaa 1500
 aaacttttct tcttttgcaa agaaagcttt ttgtttttaa ctgcaacgta cttttccct 1560
 acctgaaga gacatggtgg tcgtagcttc tcatctatat gaaaaagttt tcgatgtatt 1620
 ggaattattt gggaatgctt ttaaaacaat ttgtaattat ttctttacaa accaaaacag 1680
 aacagaaagg tgtggtgctg gaacatcgat gaaggagccc tacttactga gcttagttat 1740
 ggactttttt gatgcgtgtg tgtatgtgtt ttaaaaagta tgcaggctct aaaaatgtta 1800
 ttttgtaaag ctctcagctc atgcacccca tctcctcttc acccatatta tgccttcttt 1860
 ctcttgcca gattcttctt tttctctttt ctaaacagct gagcctgcct actttgcct 1920
 tttacagctt ttaattttat ggatttttaa aatgaaattt catgtggaat ttggggctgg 1980
 ggggctcgct ctgcaccgcc ctttttggtt tttttttaga caaactcccc ccccccgat 2040
 ttttagtccc g 2051

<210> 8562
 <211> 563
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (289)...(459)
 <223> similar to gil513230 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8562
 cggacgcgtg gggcaatata tacactatta tatacccaca aaaaataaaa ataaaggctg 60
 ggtgccatgg ctcacacctg taatcccacc acttcaggag gcctgaggtc gggagtttga 120
 gaccaacctg gccaacatgg agaaaccacg tctctactga aaatacaaaa tcagctgggc 180
 atggtggtac atgcctataa tcccagctac tcgggaggct gaggcaggac aatcgccctga 240
 accctggagg tggaggctac ggtgagccga gatcgtgctg agagcaagat gggtcaccag 300
 cagctgtact ggagccaccc gcgaaaattc ggccagggtt ctgctcttg tcgtgtctgt 360
 tcaaaccggc acggtctgat ccggaaatat ggccctcaata tgtgccgcca gtgtttccgt 420
 cagtacgga aggatatcgg ttccattaag ttggactaaa tgctcttcct tcagaggatt 480
 atccggggca tctactcaat gaaaaacat gataattctt tgtatataaa ataaacattt 540
 gaaaaaacc ttcaaaaaaa aaa 563

<210> 8563
 <211> 1795
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (120)...(1096)
 <223> similar to gi971270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8563
 gcggacgcgt ggggaaccgg aagaagagga actgggcctg aaaggggtacc ggtgaccgct 60
 actgctgccg gtgtttgctg gtggcagga gccaggcctg gcgagcgggg tgtgtcgcga 120
 tgccggagct ggcagtgcag aagggtggtg tccacccct ggtgctgctc agtgtggtgg 180
 atcatttcaa ccgaatcggc aagggttgaa accagaagcg tgtgttggt gtgcttttg 240
 ggtcatggca aaagaaagta cttgatgtat cgaacagttt tgcagttcct tttgatgaag 300
 atgacaaaga cgattctgta tgggttttag accatgatta tttggaaaac atgtatggaa 360
 tgtttaagaa agtcaatgcc agggaaagaa tagttggctg gtaccacaca ggccctaaac 420
 tacacaagaa tgacattgcc atcaacgaac tcatgaaaag atactgtcct aattccgtat 480
 tggatcatcat tgatgtgaag ccgaaggacc tagggctgcc tacagaagcg tacatttcag 540
 tggaagaagt ccatgatgat ggaactccaa cctcgaaaac atttgaacac gtgaccagt 600
 aaattggagc agaggaagct gaggaagttg gagttgaaca cttgttacga gatataaaag 660
 acacgacggt gggcactctg tcccagcgga tcacaaacca ggtccatggt ttgaaggag 720

tgaactccaa	gcttctggat	atcaggagct	acctggaaaa	agtcgccaca	ggcaagctgc	780
ccatcaacca	ccagatcatc	taccagctgc	aggacgtctt	caacctgctg	ccagatgtca	840
gcctgcagga	gttcgtcaag	gccttttacc	tgaagaccaa	tgaccagatg	gtggtagtgt	900
acttggcctc	gctgatccgt	tccgtggtcg	ccctgcacaa	cctcatcaac	aacaagattg	960
ccaaccggga	tgcagagaag	aaagaagggc	aggagaaaga	agagagcaaa	aaggatagga	1020
aagaggacaa	ggagaaagat	aaagataagg	aaaagagtga	tgtaaagaaa	gaggagaaaa	1080
aggagaaaaa	gtaaaacatg	tattaaatag	cttttttaat	ttgtaaatta	aaatcttaca	1140
aactaaatca	gtgtgctgct	agagggttct	ttttcacttg	acatgcttat	tagaaagctg	1200
acccaacaag	agctctctgc	ctccggtcac	tcttgctgtg	gtgctacgtg	gaagtgaatg	1260
gagactgatc	tcaaattctga	actgcagctt	tccgctgcct	gtgaagttgg	gggatatgga	1320
tagtccagct	caggcttcca	gattgtatga	gaaaaatgaa	gagaagtcaa	ccaaatattt	1380
tgggtactct	tcattcattt	atctctagaa	ccaggagtgt	aattttcctc	catcttgaaa	1440
gactcctggg	ggtctgtttc	tgggtatttt	acaaaattgc	taagtggaat	gcatgaattg	1500
cattatgttc	tttgtaaca	cggtagagtt	cagacccttc	tgaactctgt	tgataatacc	1560
acaccatggt	ctggacccat	agctctggca	tcctcagggg	ttgtgatcca	gctccatata	1620
ttgtttacct	tcaaagatac	aattttaaag	gctttgattt	ttaagctgtg	ttctagtcgt	1680
ttttgacttc	gggagtagtg	atctgtagtt	tccagaagca	gccaagacag	tcttcgattg	1740
gagctgcctt	aagttctctt	gcacttggtg	tcattttatga	aagagcatct	cattc	1795

<210> 8564
 <211> 2618
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (70)...(870)
 <223> similar to gil203982 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8564						
tcagtgcgct	ggaattcccg	cgcggagacg	cggagctcgc	ccaccgcccg	ccccagcagt	60
ggctgcacca	tgcacgtgaa	cggcaaagtg	gcgctggtga	ccggcgcggc	tcagggcata	120
ggcagagcct	ttgcagaggc	gctgctgctt	aagggcgcca	aggtagcgct	ggtggattgg	180
aatcttgaag	caggtgtaca	gtgtaaagct	gccctggatg	agcagtttga	acctcagaag	240
actctgttca	tccagtgcga	tgtggctgac	cagcaacaac	tgagagacac	ttttagaaaa	300
gttgtagacc	actttggaag	actggacatt	ttggtcaata	atgctggagt	gaataatgag	360
aaaaactggg	aaaaaactct	gcaaattaat	ttggtttctg	ttatcagtgg	aacctatctt	420
ggttttgatt	acatgagtaa	gcaaaatgga	ggtgaaggcg	gcatcattat	caatatgtca	480
tcttttagcag	gactcatgcc	cgttgcacag	cagccggttt	attgtgcttc	aaagcatggc	540
atagttggat	tcacacgctc	agcagcgttg	gctgctaata	ttatgaacag	tggtgtgaga	600
ctgaatgccca	tttgtccagg	ctttgttaac	acagccatcc	ttgaatcaat	tgaaaaagaa	660
gaaaacatgg	gacaatatat	agaatataag	gatcatatca	aggatatgat	taaatactat	720
ggaatttttg	accaccatt	gattgccaat	ggattgataa	cactcattga	agatgatgct	780
ttaaattggtg	ctattatgaa	gatcacaact	tctaaggga	ttcattttca	agactatgat	840
acaactccat	ttcaagcaaa	aacccaatga	acagcttatg	tgtagccat	agctgaaaaat	900
aagcacaaat	agcttatatt	cagatccctat	cttcatttga	atatagcttt	taaatgaaat	960
gttacagttt	gaagttttcc	ttcatgcact	tggtgataaa	cgttttctaa	attttttagtt	1020
aagtatatgg	ataaaaagtt	atgaactatt	aaaaatgtga	tgtggaccaa	aggctaggtt	1080
gtaatcttga	tagtctaaaa	aatgatcaaa	acaaatgatt	ttcaaggaat	attcaatatt	1140

ctgcctttca	gaaagtgtat	ttatatctgt	gcttcataaa	tattaatggt	cttcagaaca	1200
tcatTTTTaaa	ggagatactt	gaattgttat	ttaaatcaaa	ccagatgtaa	aacactcaca	1260
tacaagttca	tactTTTaaa	gaggaaagct	acttaacaat	gacaaatatt	tcacaataat	1320
aatttttact	tatataccat	ctttcaactg	aacatttcag	ttcttccaag	agcttcttag	1380
agtagtatat	tttgggggca	gtcaaggaat	aaactacagt	gtaaacatat	cccagatgaa	1440
aactgctgta	tggaaaaatg	acagaaagta	actgattgac	actggttgatt	cacagttcag	1500
cctcctatct	gggaaagaca	tttctttcct	ctgctcactt	taagaacttt	taccgactcc	1560
aaaaatctca	ggaattaaac	ttttaacagt	tacagcaata	aagaatagtt	agtactccaa	1620
aaatattata	tttaagatgc	tcaacaagaa	aaaaatgcaa	atgtaatat	tttttcaa	1680
tacttcttta	ttgacttgtc	caaatttcaa	aagtgcctac	ccttcaataa	aactttttta	1740
ttctgatctc	cataaattac	ttagtcttct	atgtatagct	atcaaggaaa	taaaaccaat	1800
tttgccacag	ccacaactgt	aaatgttttt	gtacccatgc	tgaaactcat	aacaacacag	1860
acataaaaaat	agctgtgagg	ttttgctttt	tttggtgtca	gctatcttaa	gaatcattaa	1920
atacacctgc	tttgggtaaa	actctttgca	agcagtaatt	aacactagta	acagtgaag	1980
cacaagattt	ccaaatcagt	cgTTTTctca	aaaaaatatc	cgtataagtg	acctcatcct	2040
ggtcctgcct	aactcccgag	ccctccccag	cttgaagccc	aaatctttcc	cctgtgagat	2100
tgatatggat	ttccctagaa	gtactggcaa	tgtgtgcata	tcttgcccta	ttttaattct	2160
gctatagaaa	acaattgcct	tcactttcaa	ggagtaattt	gaatattaat	aactctggtc	2220
tagattttca	tataatgtat	taaagacaaa	gtagtgaaca	tcaatgaaca	tctgatagag	2280
ataaactgta	atcaggcata	agcttggttg	tatgttctgg	cagtgactaa	tcagtaaatg	2340
atgtcgggtt	gcccagtatc	acttatcttc	tgtatttttc	ctctgtcgtg	taaatagtat	2400
aaccttttca	tttatggaca	atTTTTtgga	ctagtagcct	tcaatataca	ttctgctttg	2460
aattaatttt	ttcaaataca	taaattatgt	agacatttaa	aatcaaatat	caagtagaat	2520
tgaaaaatgt	gagttacata	agttaaaaac	ttacttttaa	tcttaccttc	tataggtagc	2580
tctaaataaa	ttcatatggt	tatatgataa	aaaaaaaa			2618

<210> 8565

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(891)

<223> similar to gi4309949 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8565

gggcggttg	tccgctggac	tgggtcccg	tcacgccccg	ccaagccccg	cccctcaggc	60
cggggcgga	cgggggatcc	gcagttcccg	ggccagcctg	gggcggccgg	ccaggaacca	120
ccggttaagg	tgtcttctct	ttagggatgg	tgaggttgga	aaaaggctcc	tgtaaccttc	180
ctccaggatg	aaccacctgc	cagaagacat	ggagaacgct	ctcaccggga	gccagagctc	240
ccatgcttct	ctgcgcaata	tccattccat	caacccccca	caactcatgg	ccaggattga	300
gtcctatgaa	ggaagggaaa	agaaaggcat	atctgatgtc	aggaggactt	tctgtttggt	360
tgtaaccttt	gacctcttat	tcgtaacatt	actgtggata	atagagttaa	atgtgaatgg	420
aggcattgag	aacacattag	agaaggagggt	gatgcagtat	gactactatt	cttcatattt	480
tgatatattt	cttctggcag	tttttcgatt	taaagtgtta	atacttgcat	atgctgtgtg	540
cagactgcgc	cattggtggg	caatagcggt	gacaacggca	gtgaccagtg	cctttttact	600
agcaaaagtg	atccttttga	agctttttct	tcaaggggct	tttggtctatg	tgctgcccat	660
catttcattc	atccttgccct	ggattgagac	gtggttccctg	gatttcaaag	tgttacctca	720

agaagcagaa	gaagaaaaca	gactcctgat	agttcaggat	gcttcagaga	gggcagcact	780
tatacctggg	gggtctttctg	atgggtcagtt	ttattcccct	cctgaatccg	aagcaggatc	840
tgaagaagct	gaagaaaaac	aggacagtga	gaaaccactt	ttagaactat	gagtactact	900
tttggttaaat	gtgaaaaacc	ctcacagaaa	gtcatcgagg	caaaaagagg	caggcagtg	960
agtctccctg	tgcacagtaa	agttgaaatg	gtgacgtcca	ctgctggcctt	tattgaacag	1020
ctaataaaga	tttattttatt	gtaataacctc	acagacgttg	taccatatcc	atgcacattt	1080
agttgcctgc	ctgtggctgg	taaggtaatg	tcatgattca	tcctctcttc	agtgagactg	1140
agcctgatgt	gttaacaaat	aggtgaagaa	agtcttgtgc	tgtattccta	atcaaaagac	1200
ttaatatatt	gaagtaacac	tttttttagta	agcaagatac	ctttttattt	caattcacag	1260
aatggaat	ttttgtttca	tgtctcagat	ttattttgta	tttctttttt	aacactctac	1320
atttcccttg	ttttttaact	catgcacatg	tgctctttgt	acagttttta	aaagtgtaat	1380
aaaatctgac	atgtcaatgt	ggctagtttt	attttcttg	ttttgcatta	tgtgtatggc	1440
ctgaagtgtt	ggacttgcaa	aagggaaga	aaggaattgc	gaatacatgt	aaaatgtcac	1500
cagacatttg	tattattttt	atcatgaaat	catgtttttc	tctgattgtt	ctgaaatggt	1560
ctaaatactc	ttattttgaa	tgcacaaaat	gacttaaac	attcatatca	tgtttccttt	1620
gcgttcagcc	aatttcaatt	aaaatgaact	aaattataaa	aaa		1663

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<210> 8566
<211> 1561
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1437)...(854)
<223> similar to gi2511529 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8566						
tttttttttt	ttgaaggatt	tggcaaagat	ttattttttt	ttccatttcc	agttttttta	60
agtagacaca	gatttgctta	gaataaagct	gatttttaaaa	gcacacaaaa	ggtgaacaca	120
aaggagagga	ttaaattcac	caatgcagag	tgataaagag	gaaaagatac	tgagtaggtg	180
ccttcagcag	aaaactgac	atccagggtg	atcaccta	aatcgagac	ttaatccctt	240
ataatgcaaa	agcaagaaga	gtttagtgt	tgaactgtac	agctgagttt	gtagctctat	300
cttggtttct	gttgattatg	aacaatttagc	atagttatat	ataatctttc	tttagtagac	360
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catcatgact	agtatattaa	aattattttat	attcagatat	ttatatctaa	tatcaaatga	600
aaatttacta	ccaaattttc	acagtagaca	ttaatcagtc	tgacatgctt	attgatccca	660
taggtgta	tatagatcaa	catgatttta	gtgtctattc	ttttatttta	ctaaattagg	720
aacgcagcat	ttacagaaca	aataaacaca	agtgacgtgg	ccaccccagg	atctaacagc	780
tcttcagtga	gctatgttgc	aagctcagaa	gtaatccact	aacgaaccaa	gtcagactcc	840
agttcttcat	caaaagggtgc	tggtggaggt	tgtcagacgc	cttccaatat	agatccccaa	900
tccgatggcc	agcaa	atgagcagcag	agatggaagg	aaaactttca	gaaattctgc	960
agagaat	atgcccccttct	tcatgacgct	cgtgttccctc	atgctgagg	tggtccgtgcg	1020
cttcgggtgt	ttaaagagga	actccttggg	gggaatattt	tccggccgac	ttgaccaatc	1080
ccatatccaa	tctgagtttt	tcttcaagat	gctttcaact	tctttccttc	tttcaatatc	1140
atcttctca	gactgtgagc	tgtttttctc	tccaatgcta	tgggtatctg	tttcagaagc	1200
tctgttggt	tcttgtggtg	tctgcgagcg	aggtgggctg	tcacagtgg	agctcttgg	1260

gctactccgt	ccagactcat	gctgtgcgtc	cagcagtatt	ttttccatgt	ctccattata	1320
aatagaaacc	gaggctggaa	cgctgcccc	gttcccatta	ttgctgaagt	gcagttctac	1380
ccaggagccc	tgcaggctct	cctcctgcat	ccggggcgct	ccgttctgcg	acatggcgcc	1440
agagggcaac	tgccggcgatc	ggagtccgcg	ccgggctgcg	ggatgtgctt	cagctgcggg	1500
cggtgggaaa	gcggaggtcg	gagcgccgcg	gccagctgc	gctcccggac	tgagcggagc	1560
c						1561

```

<210> 8567
<211> 3128
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1821)...(2783)
<223> similar to gi496898 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8567						
agcggccgcc	cttttttttt	ttttttcatt	tcattcaaga	gaattaaatc	gtttattgat	60
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ttcaatttag	atatattgca	taggatgtgc	caacaatcac	ttttataacc	attccatgat	180
tttgcttggg	taatcccttt	taatggtgaa	cttcagggtca	caacagtaac	tatcagttca	240
actacaccaa	ggtttccgaa	gacaatggct	tctccaccca	agcaggttgt	atataaattc	300
caaatagaac	ctggcatcac	cctgaaggaa	ttctaacttc	acactgttgg	ggaaatttac	360
caagatggct	taagagtaga	ctaactttac	acagcacatt	aaaaaaaaaga	cattttattca	420
gcgtcacgat	cagactgtta	catttagcaa	tcaacagcat	ggggtgcaaa	aaaaaaaaaat	480
ctacattaaa	accctttggt	ggaatgcttt	acactttcca	cagaacagaa	actaaaataa	540
cctgttatac	aattagtcac	aaatacagtc	ctcgagtttt	ttgcccatac	acatgagtat	600
ttgtctaaaa	catgtcttct	ttgtagcagc	tagggccctgc	caccactgtg	cttggtgag	660
ttcacaaatc	tgttgtaacc	tgtagcttcc	ctgtcacttc	tctggctctc	ctctcctgct	720
aagctttggt	tcctaattaa	aatcttctgc	cactgccata	gctactgctg	ctgctggaac	780
cgccatagcc	accttggttt	cgtgggtttt	caaagtattg	gcctccaccg	ccataggggc	840
cagagcttct	gcctccaaaa	tttcctccct	tcatgggtcc	aaaatttgaa	gactgattgt	900
tgtaattccc	aaaatcattg	tagcttccac	cacctccaaa	attgcttcca	tcattaccaa	960
atccattata	gcatcccca	ctgccaccat	atccaccacc	caccacgggt	ggcacccaaa	1020
gccaaaccaag	gaccaactga	agtttctctc	acggaccgaa	gttgtccatt	cccaccgaaa	1080
accacctccc	acgaccacc	acaaaaagtt	tccaagaacc	acttcgaccc	tcctttgggc	1140
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gtggcccat	cacagtatgg	taattcctga	aatggacaat	cttatccac	ggagtccatg	1260
gtccgtccaa	aggttacaaa	aggcaaagcc	cctttttctt	ggccactggc	ctccggtcca	1320
gtcaatggat	ttcaatcaac	ttcaaatttt	tccaatactt	gttcaaaata	atctcttagg	1380
tgaatgttct	ttcaggggtc	ttctttaatg	ccaaccaaac	aaaatatctt	ttttcacaag	1440
ttaatgtggg	cacctgggtc	ttttgagaaa	tcttctctg	gaagacaagc	tcctctttgg	1500
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cctcctccac	acgtggcata	tgtgacaaac	ccaaagcccc	ttggagcgct	tgggtggtttg	1620
ggatctctca	ttaccacaca	ggtccgtgda	gcgtttcccc	cattgcctcg	aaaatggctc	1680
ctcagggctc	tcatcatgtt	gtttcaaagc	tcraaccctc	mgaatgaaga	gcttctcag	1740
ctgttcgggg	ctcttttagga	gactctgccc	gtggacgcgc	ccgaagaagc	atcgttaaag	1800
tctctcttca	ccctgcccgtc	atgtctaagt	cagagtctcc	taaagagccc	gaacagctga	1860


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ggaagctctt cattggaggg ttgagctttg aaacaactga tgagagcctg aggagccatt 1920
ttgagcaatg gggaaacgctc acggactgtg ttgtaatgag agatccaaac accaagcgct 1980
ccagggggctt tgggtttgtc acatatgcca ctgtggagga ggtggatgca gctatgaatg 2040
caaggccaca caaggtggat ggaagagttg tggaaaccaa gagagctgtc tccagagaag 2100
attctcaaa accaggtgcc cacttaactg tgaaaaagat atttgttggt ggcatataag 2160
aagacactga agaacatcac ctaagagatt attttgaaca gtatggaaaa attgaagtga 2220
ttgaaatcat gactgaccga ggcagtggca agaaaagggg ctttgccctt gtaacctttg 2280
acgaccatga ctccgtggat aagattgtca ttcagaaata ccatactgtg aatggccaca 2340
actgtgaagt tagaaaagcc ctgtcaaagc aagagatggc tagtgcttca tccagccaaa 2400
gaggtcgaag tggttctgga aactttgggt gtggtcgtgg aggtggtttc ggtgggaatg 2460
acaacttcgg tcgtggagga aacttcagtg ataatggatt ctttgggtgg agccgtggtg 2520
gtggtggata tgggtggcagt ggggatggct tggtaatgat ggaagcaatt 2580
ttggaggtgg tggaaagctac aatgattttg ggaattacaa caatcagtct tcaaattttg 2640
gacccatgaa gggaggaaaat tttggaggca gaagctctgg cccctatggc ggtggaggcc 2700
aatactttgc aaaaccacga aaccaagggt gctatggcgg ttccagcagc agcagtagct 2760
atggcagtgg cagaagattt taattaggaa acaaagctta gcaggagagg agagccagag 2820
aagtgcaggg gaagctacag gttacaacag atttgtgaac tcagccaagc acagtgggtg 2880
cagggcctag ctgctacaaa gaagacatgt tttagacaaa tactcatgtg tatgggcaaa 2940
aaactcgagg actgtatttg tgactaattg tataacaggt tatttttagt tctgttctgt 3000
ggaaagtgtg aagcattcca acaaaggggt ttaatgtaga tttttttttt tgccccccat 3060
gctgttgatt gctaaatgta acagtctgat cgtgacgctg aataaatgtc ttttttttaa 3120
aaaaaaaaa 3128

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<210> 8568
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(248)
<223> similar to gi4102195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8568
gggacggggc agcgggtgcac aagaagagac cgaggcgggt ggccccgaga gagccagggc 60
catggaggcc aacatgccga agcgggaagga gcctggcagg tctctccgca tcaaagtcac 120
ctccatgggc aacgccgaag tggggaaaag ctgtattata aagcgatact gtgagaaaag 180
atgtgtgtct aaatacctgg caacaattgg aattgactat ggagtcacaa aggtacacgt 240
cagagacaga gaaatcaaag ttaacatctt tgatatggct ggacatccct tcttctatga 300
ggtaagaaag cttttttgac aaaacctata tccagtattg ttggtggttt ggggagagat 360
ccagaattat atgaaacaac caatattgat atcatgtgta aaattgcata attttagctt 420
gatcgtggct tgccttcaga gccttgagtt aatagacaac tggtgatttt ttaggttatc 480
ctgttaaata gtggtaggaa atttcattgc caatatttca aacatttcaa taagacattt 540
tgactttcag aggacttttg ctttttacct catactttag cctaaaatgt g 591

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<210> 8569
 <211> 664
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (573)...(131)
 <223> similar to gil596163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8569
 tttttttttt ttggaggagg gggtaattta ttttaatttgt tgactctggc ttacaatttt 60
 gtcttctgtt tccatatctg ggtcattaga agcccccttca atcccatcat cccttttccc 120
 ttcaaactcag ggcaactcag agatagcttt cttggctggg gggcctgttg gcttttccctt 180
 ttctctcgct ttttcctcat acatcaggat catttttagg atggcagatc tcttgcccag 240
 catcatcctg agaaagtcag ggtagctgaa cgtctccccg gagccactgg acacctctcc 300
 aattaatttc ttttagctcta ggtgagtcctt ggggactcca agtttctcca gcattcgttt 360
 cagggacatg atatcaatat cgccatttcc attaagggtca aactccatgt atttctcttt 420
 gaagccttcc agtttgaggg gcagatcctc atcactgcta tatttgggat cgtctaggaa 480
 ttgcttggtg atctcatcca gcctctcttc ctgctgggcc ttcagcagtc cgaaagcttt 540
 tcctccctgt aaatccctgg tttggctcat agctcagcag atgctggtag aggtggggag 600
 acagaccaag ctggaggcct ctgtctgcag gctctccttc tctcccacca gtcttctcag 660
 aagc 664

<210> 8570
 <211> 834
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (155)...(557)
 <223> similar to gi455523 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8570
 gggagcgcag cggcttctag gggtagtggt gacccacgcg gccccacctg ctctcccgcc 60
 gcgcggcccc acccccctgc cccgccccgc ctggtttata ggtcccggcc cgagcctccg 120
 gccgcccgcg gggtttgtcc cgcgatcccc gaccatgccc gccgacctca gcggtacttg 180
 gacctgtctc agcagcgaca acttcgaggg ctacatgctg gccctaggta ttgactttgc 240
 cactcgtaaa atagccaagt tgctgaagcc acagaaagtg attgagcaga atggggattc 300
 ttttaccatc cacacgaaca gcagcctaag gaactacttt gtgaaattta aagttggaga 360
 agaatttgat gaagataaca gaggcctgga caacagaaaa tgcaagagtt tggttatctg 420
 ggacaatgac aggctcacct gtatccagaa gggagaaaaa aagaacagag gctggacca 480
 ttggatcgaa ggagacaaac tccacctgga aatgttctgt gaaggtcaag tgtgcaaaca 540
 gacattccag agagcctgat ccacatccag cagcagagcc cacttgtggc tgcagcttta 600

tgccaaatta	tattgcagac	tgaacagacg	tttatctatc	ccatttggcg	acgaggactc	660
gtggctggag	agagccacac	agcgtgtaac	ctgaagtcac	ctagattatg	gggaaactgc	720
tcagcttcaa	taaacctgtc	caaataaaaa	aaaaaaaaaa	ggggggggccg	ttttaaagga	780
tccttggagg	ggcccaagtt	tacgcgggct	tgcaagggtta	tagttttttc	ctta	834

<210> 8571
 <211> 3271
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (421)...(2954)
 <223> similar to gi860937 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8571						
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aaccatcaag	atctcatttt	acagctggga	ttctctggtt	cacagaggta	acggagcttg	180
ccgaggcca	gttaaacgag	aagattcatc	accgctttga	tggctgcctc	acaaacttca	240
caaactgttg	catctcacgt	tccttttgca	gatttgtggt	caactttaga	acgaatacag	300
aaaagtaaag	gacgtgcaga	aaaaatcaga	cacttcaggg	aattttttaga	ttcttggaga	360
aaatttcatt	atgctcttca	taagaaccac	aaagatgtca	cagactcttt	ttatccagca	420
atgagactaa	ttcttcctca	gctagaaaga	gagagaatgg	cctatggaat	taaagaaact	480
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aaaaagagcc	ttcttcaact	tataactcag	agttcagcac	ttgagcaaaa	gtggcttata	780
cggatgatca	taaaggattt	aaagcttggt	gttaatcagc	aaactatctt	ttctgttttt	840
cataatgatg	ctgctgagtt	gcataatgtc	actacagatc	tggaaaaagt	ctgtaggcaa	900
ctgcatgac	cttctgtagg	actcagggat	atctctatca	ctttattttc	tgcatthaaa	960
ccaatgctag	ctgctattgc	agatattgag	cacattgaga	aggatatgaa	acatcagagt	1020
ttctacatag	aaaccaagct	agatggtgaa	cgtatgcaaa	tgcaaaaaga	tggagatgta	1080
tataaatact	tctctcgaaa	tggatataac	tacactgac	agtttggtgc	ttctcctact	1140
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cttgatggtg	agatgatggc	ctataatcct	aatacacaaa	ctttcatgca	aaagggaaact	1260
aagtttgata	ttaaaagaat	ggtagaggat	tctgatctgc	aaacttggtt	ttgtgttttt	1320
gatgtattga	tggttaataa	taaaaagcta	gggcatgaga	ctctgagaaa	gaggatagag	1380
attcttagta	gtattttttac	accaattcca	ggtagaatag	aaatagtgca	gaaaacacaa	1440
gctcatacta	agaatgaagt	aattgatgca	ttgaatgaag	caatagataa	aagagaagag	1500
ggaattatgg	taaaacaacc	tctatccatc	tacaagccag	acaaaagagg	tgaagggtgg	1560
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gctggctgca	ccatgaaaga	actgtatgat	ctgggtttga	aattggccaa	gtattggaag	1800
ccttttcata	gaaaagctcc	accaagcagc	atcttacgtg	gaacagagaa	gccagaagta	1860
tacattgaac	cttgtaattc	tgtcattggt	cagattaaag	cagcagagat	cgtaccaggt	1920
gatatgtata	aaactggcgt	caccttgctg	tttcacgaa	ttgaaaagat	aagagatgac	1980

aaggagtggc	atgagtgc	at	gacctagaac	aacttagggg	gaaggcatct	2040
ggtaagctcg	catctaaaca	cctttatata	ggtggtgatg	atgaaccaca	agaaaaaaag	2100
cggaaagctg	cccaaagat	gaagaaagtt	attggaatta	ttgagcactt	aaaagcacct	2160
aaccttacta	acgttaacaa	aattttcta	atatttgaag	atgtagagtt	ttgtgttatg	2220
agtggaacag	atagccagcc	aaagcctgac	ctggagaaca	gaattgcaga	atttggtggt	2280
tatatagtag	aaaatccagg	cccagacacg	tactgtgtaa	ttgcaggggtc	tgagaacatc	2340
agagtgaaaa	acataatttt	gtcaaataaa	catgatgttg	tcaagcctgc	atggcctttta	2400
gaatgtttta	agaccaaag	ctttgtacca	tggcagcctc	gctttatgat	tcatatgtgc	2460
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atcctaaaag	aaagtgtggg	aactgattca	atagacaagt	gtgaattaca	agaagaaaac	2940
cagtatttga	tttaagcta	ggtttcttag	tgaggaaagc	ctctgatctg	gcagactcat	3000
tgcagcaggt	ggtaatgata	aaatactaaa	ctacatttta	ttttgtatc	ttaaaaatct	3060
atgcctaaaa	agtatcatta	catataggaa	aacaataatt	ttacttttta	aggttgaaaa	3120
gacaatagcc	caaagccaag	aaagaaaaat	tatcttgaat	gtagtattca	atgatttttt	3180
atgatcaagg	tgaataaac	agtctaaaga	agaggtgttt	ttataatatc	catatagaaa	3240
tctagaat	ttacttagat	actaataaaa	t			3271

<210> 8572

<211> 2948

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (500)...(895)

<223> similar to gi5689172 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8572

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tgatatccag	aaagagagtt	ctttgggggg	atggttaatt	cttgtttttg	gtgcttttct	120
tcaccgctct	aaggaactac	cacagtcaga	aggtgcattc	ttactgcat	ctttttattt	180
gctaccttgg	gcttaaggag	cctgcctata	tctactgagg	tgaggttagg	tcagtctctg	240
taaccgttcg	tcacttaggc	cttgatgggt	gacatggatg	gggatgactt	cctgggctaa	300
ctcttctctt	gctaaaggat	gatttttcac	caccttgaat	gcccattgatt	aaaacataaa	360
caagaaaata	gatatctgag	gagaatgcag	ttgaaactaa	ttttgtggat	agagaaactg	420
ttggaactgc	tttacaagt	attttaacag	cccacctgag	gatattgacc	ataaggactc	480
atatctcatt	acaagaagca	tcatggccga	gccagactac	atagaagatg	acaatcctga	540
actcattagg	cctcagaaac	tgatcaatcc	tgtaaaaacc	tcccgggaacc	atcaagatct	600
tcacagagaa	cttcttatga	atcaaaaaag	gggtcttgct	cctcagaaca	aaccagaatt	660
gcagaagggt	atggaaaaaa	gaaaacgaga	ccaagtaata	aagcagaagg	aagaagaagc	720
acagaagaag	aatcttgact	tggaataga	gctattaaaa	cggcagcaga	agttggagca	780
gcttgaactt	gagaagcaga	aattgcaaga	agagcaagaa	aatgcccccg	agtttgtgaa	840
ggtgaaaggc	aatctcagga	gaacaggcca	agaagtcgcc	caagcccagg	agtcctaggc	900

tgaggctgca	ccaagacctc	gtgtgtcacc	ccacagagct	gtctgtgggt	gccttctcaa	960
tctcagggca	aaagcccctg	gagaatatct	cagccagcag	agaatttttg	cttgacagtag	1020
gatttggttt	gatttttcta	cgatctgggt	ggatgccttg	cctgtgacag	ttgcagttcc	1080
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aatcaattct	tgagagttgc	actacttggt	ttttcttcca	ttccaagttt	cgtgggaccc	1260
agagcctttt	ttctttttaa	agctaaaaaa	caagtgttta	attcctcttt	ttgttatctg	1320
ttagataaatt	gagatcacct	agaaatgcgt	ttaatctgtt	cactcactgt	aaattttgag	1380
gaccagaatt	tgtcttgttt	aattttatact	ttcacccttg	ttgcagttta	caccagagaa	1440
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gacagcagcc	gcatttctcat	gcaaaattag	ttttaaactg	ctagtgtggg	catcggtacc	2220
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tgaatctctg	attctcgaag	caattctgcc	acttgatcgt	attcacaggg	gccctggtag	2880
gctccttttag	aaggaccatt	tctgtttccta	gagcttaact	agaattcatt	cttcaactgaa	2940
aaaaaaaa						2948

```
<210> 8573
<211> 2469
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (269)...(1127)
<223> similar to gi726136 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8573
cgacggcgca gcacggtgcg gcgcagctcc tgctcgccctt tcccttcgct gggcgagagg 60
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```

gtgctgtctc tatggcgagg aggaggagga ggagcgcgag ctcagcgaca caagtacata 180
aataaaggat aaaatatatt atgaaacaaa tcttcaatca agtataacat tttgatgctt 240
ggcatctaga ctcccttggt ccctcactat gccagcgga actgtagatc atagccaaag 300
aatttggtgaa gtttgggctt gcaacttgga tgaagagatg aagaaaattc gtcaagttat 360
ccgaaaatat aattacggtt ctatggacac cgagtttcca ggtgtggttg caagacccat 420
tggaagaattc aggagcaatg ctgactatca ataccaacta ttgcggtgta atgtagactt 480
gttaagata attcagctag gactgacatt tatgaatgag caaggagaat accctccagg 540
aacttcaact tggcagttta attttaaatt taatttgacg gaggacatgt atgccaggga 600
ctctatagag ctactaacia catctggtat ccagttttaa aaacatgagg aggaaggaat 660
tgaaacccag tactttgcag aacttcttat gacttctgga gtggtcctct gtgaaggggt 720
caaattggtt tcatttcata gcggttacga ctttggctac ttaatcaaaa tcctaaccia 780
ctctaacttg cctgaagaag aacttgactt ctttgagatc cttcgattgt ttttctctgt 840
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tgatgccaaa tattgtggtc atttgtatgg ctttgggtct ggttcatcct atgtacagaa 1080
tggcacaggg aatgcataat aagaggaagc caacaagcag tcatgacatg aaatagtcct 1140
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tcagggttaa tttggcctta atttaataa cttgttagca agcgtgtgtg acagagagtg 1380
gggaaagcta catcattgaa tattttgata aactttaccg acttgagttt ggtttatttt 1440
tcccttttcc taaattaact agcactgact gtaattttat tccctgtttc acgtctctcc 1500
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agagtgtttc tgactctaaa cctgttttat cagaaaattt gttttttctt gatcttagct 1620
ggaaaaatct gccaaactta cacagtattt acttggtttt gaccacaga atatagcacg 1680
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tctaattggc atgtgtaggc tgctctgtga ctgaagaatt ttcaaaccag ctttacaccc 1860
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tcccaaatta aattaaaaaa caaaaatggg gctttcatag ttgctacaaa ggtaaataat 2160
ggagagattt ggtccaaacc accaaaatat atatataatt tcatatata atatatagct 2220
gataaaatta cctggggagt gtaatgctta tttttttgtg tatatctttg caacctattt 2280
tatatatatt gacaaaagag actgtgaaat acttaggcca tgcagaatat gtgaccagac 2340
cggagcatgt gtaggaagac tttacagtaa tcattaactc taccgcgaaa tgatggacta 2400
caagttataa tgtgtgttac ctacacttca atcagtaata ttagcaaact tccaaatggt 2460
agtcacatt

```

<210> 8574

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(673)

<223> similar to gi5531829 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400>	8574								
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agatggcggt	ccccgcggcg	ctgatcctac	gggagagccc	cagcatgaag	aaagcagtgt				120
cactgataaa	tgcaatagat	acaggaagat	ttccacggtt	gctcactcgg	attcttcaaa				180
aacttcacct	gaaggctgag	agcagtttca	gtgaagaaga	ggaagaaaaa	cttcaagcgg				240
cattttctct	agagaaaaca	gatcttcacc	tagttcttga	aacaatatca	tttatTTtag				300
aacaggcagt	gtatcacaat	gtgaagccag	cagcttttgc	gcagcaatta	gagaacattc				360
atcttagaca	agacaaagct	gaagcatttg	tcaatacttg	gtcttctatg	ggtcaagaaa				420
cagttgaaaa	gttcgggcag	agaattcttg	ctccctgtaa	gctagagact	gttg gatggc				480
agcttaacct	tcagatggct	cactctgctc	aagcaaaact	aaaatctcct	caagcttgtt				540
tacaactcgg	agtgaacaat	gaagattcaa	agagcctgga	gaaagtctct	gtggaattca				600
gtcacaagga	gttggttgat	ttctataaca	agctagagac	tatacaagca	cagctggatt				660
cccttacatg	atgttttcga	agactgtttt	tttcatcacg	ctcctgccac	ctcattattt				720
tg cattgaag	atacattgcc	aggttgtgtt	ttctgaagga	ttcagt gact	tgttttctgt				780
aaattatatg	gcttatcact	tcttagacaa	ataacaacca	atagagatca	ttgttaagaa				840
tactgaggtt	ctaata tact	ttcttttagt	ctgtgagcca	acagtaatta	ttaagaacac				900
tttcccttta	aaggaaacaa	aagtgaatac	catattgttt	ttactgtcat	agtgttgctt				960
tcttg cctgt	cctgcttagt	ttttacttgc	tg gatgatac	cataattgat	caaggagcgt				1020
ccatggatac	aagataagat	gtgtacctta	gtagaataca	gagcttttgt	aattacatga				1080
ataaaaattaa	gaaaaatagcc	atatacaatc	aaatacacata	tggcattttt	atttgaatat				1140
gatgagtata	ttttgcttcg	gaaataatat	aggaaggaaa	tgtaaaatag	tgagtagtat				1200
ggtatcagtt	aattccagtc	tgagctttctc	tgtcaacttc	agtttctctc	tcagtttaat				1260
gatttcaata	tagtccaggt	ttttgtgtgt	ttttctttat	actgcaagtt	aataatgatt				1320
cactttatag	tttgggagac	agaatcaggt	cttgaataaa	ataattgtaa	tgagtgctaa				1380
atgggcacca	ttattcgaat	caaatacctt	ttatattctc	tttcataaa	tacgttgatt				1440
tctgtcaata	aaatttttgt	gtcttagaaa	aaaaaaaa						1477

```
<210> 8575
<211> 1231
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc feature
<222> (1205)...(313)
<223> similar to gi3402830 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8575						60
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ggccccagct	cagcaccagg	tgggcagctc	ggagttgtgg	cctccctcct	ccagggtctg		180
cctccgcctt	tcttcccgcc	cctactggca	gccaacaagt	caacggaatt	cctggccttt		240
gagatgtcac	cccaaagtgc	acctgagttg	agtgaagaaa	cactctcttg	gtgaaagcag		300
aagcggagct	accaggccag	gcattgctgg	tggcggcat	cacctgagct	cgctgtgtc		360
ctgcccagct	tcagtgggtc	ttccccggc	cctctgagat	gacatcctcg	ggccggggcg		420
gcatgtacca	ctccaccag	gagccatcgt	agatgggcac	gtctggcttg	ccgcagaggt		480
aggcccttag	tgccacgtgg	caggctgtga	cgccagagcc	acacgtggcc	accagtggct		540
tagacaggtc	cactttcttc	tcctggaaca	gatggcggat	ctcctcaggg	ctcttctcca		

```

gccctcctg gctcaggaag tctgtgaagg ggatgttcac ggtacctggg atgtggccag 600
gttcaatgcc gtctcggggc tcgggctcgg tgccgcggaa cctgccagtg gctcgggagt 660
ccaccacctg gaagcgccgg gattccaggt tctccttgat gtcctcgtag gtcttgatga 720
aggcgggggtc gagctgagcg cggaactcgg cgggagcagg ttggctcttg ccggagctga 780
gcgggaggtt ctggcgagc cagtggcgga ggccgccatc aagcagtga acggcggtgt 840
ggccgaaggc gcggaacatc caccagacgc gcggggcgga gtagaggccc tggtcgctgg 900
cgtcgtagat caccagctgg gtggcgcgcc ccacgccag gcggcctgcg tactccgcga 960
aatgctcggc cccgggcagc atgtggctgt agggcgaggt gcggtcgtg cactggtcga 1020
tgtcgaagaa agcggcgccc gggatgtggc gctcctcgaa ctgcgctgc gcgctcgccc 1080
ccagcttcgg caggtaccag gaggcgtcca gcagctgcag aggtgcccc gcgcgcgggg 1140
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```

<210> 8576

<211> 1357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1271)...(853)

<223> similar to gi4510425 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8576

```

ctttaaagag accaaaactt tcaacaaaaa aaaacacata tttttataaa gaaagataaa 60
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aaattacttt tcaccattgg tttcaggata taaaacaatt aaaattagaa cacactaaac 180
gctgcactat agttcatgac atctgcatgc cacacaaaaa atcaaaatgt agtctcacat 240
aggctgatca tactagagta tatttattaa atttcacat tatgatcact ttgttataac 300
taaattaacc ctgacataaa ctttgacatt ttaaaaacag agaacatact gatttttcaa 360
ctattttact tacatgtgtt ttttaattct catgcagtgc tcataattag gagatactac 420
atattcacc cccacattatg cttattaaga accaagctca gagggtagaa aagtgccaac 480
ttcattttcc ataaacttcc catacatata ttaagccact gttcttctaa ttatatactt 540
atggtacatt cttctgtaaa atgtataact gtagtcacat aaccattgtt atgacaaggc 600
ggcaacatca tttcagatta caacaaatga gacaaaagt tgaagagacc acagcatata 660
aaagtcatga gaacaccaca cacatttcaa tattttccac tttccagtca aaaaaacatg 720
cacaaagttt tcttagcaga tagttgtcag aagtgcataa aaaaactggc tttcagggtca 780
tatatgttga gtgaggatca atgccattga ggaaagagag ctgtgttcat tatcttttag 840
gtctgtctat atcatctata gctgctagaa gtttttgtct tgctttctta ttgatatggg 900
atcccaggca aacattcacc agattgggtc gctgcttcgt tgaatatctc ctgtgctctt 960
tgatccaccg ttccatgtca ttctcagtta ggtaataagc tttaatataa gtttctacaa 1020
attctttatc aggaatgggt ctaatatctg ttagtttttc aagtttcatt aaaaactgtt 1080
gaaaatccaa ttgcatcagg gcacgaccct cattactgca tttcttgaca ttggcatatc 1140
cttctacaat agttcgatta gccaatcgta tacaatgttc ccaaagtata ttagacacag 1200
gcaagggat gcgaactctc ttagaaactt catttagcct cctgttaaac tgctcaaatt 1260
cctttaatag tgcatctaca tatatgttgt gctgtgacat aattttctttt acatcccatt 1320
tcacctcgtg ccgaattcct gcagcccggg ggatcca 1357

```



```

<210> 8577
<211> 4328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4271)...(1515)
<223> similar to gi3882211 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09463725.01.21.00

```

<400> 8577
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tgcagcaaac acccttacia gtctatccgc aacctgatca cgcaagaaag gattcatcac      120
acagtcgcca gaggagaagg aaaaaaaatt aacaggcttg tttctggggg tagaggaaaag      180
aaataaaaaat aaacctaatt tgatgagtgt cccgtgggca agagctgaac tagagatgtg      240
tacaactagc agcaacaatt gtggaaaaag tacaaggcaa atagctgtct ccattaattt      300
tcctctgtag gttattattt tttttaatat tcaaaacatt tattatggtt ttcattttat      360
aaaaatgtat attttttaag ggatgggaga atgttaaata cttcatgcta ggtagacctt      420
gttattaaga acccttccac tgtagtaact tcctccagtt catacattca tgagtgcagg      480
gtacatatat aaatatccac acgcatacat ccacacacac tgccctcgagg gctggggaag      540
actaaaatth attggccaca cacagcaggg cctctggttg actcaccac attgctccca      600
ggagagcagt gggctcactt cttctctctt ggtctctgcc ttcacacaga ccaagaaccc      660
tacaacacgt cgttaaatcc aacttttaaa agcaagaggc atctgtctga ggatgagggt      720
aagcaaagta ggaaagaggg tggagataag aacacccaaa cacttttagc tggagttatt      780
tatcactgca aggggctagg gaccagggc agaattctata cgggtccaagg ggagggacgg      840
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ttgcctctct actgtgtcac taaatatatc tctgcactct cacacatcct tgtccagtaa     1020
agcttcaggc caccagaata cacatthttt tcaactcgat acacaacccc tcacatcagc     1080
attggtgcac tagactctgt aaaaattttt cagtcacact ttttgttttt aaacttgagt     1140
caatataaac cttgttcaaa atgttatgaa aaaatgtaca tgtttataca aggcagggtg     1200
ggcaggacac taggggttct ccccacttgg gtgggcccga ggaggagagg ctggagtctc     1260
agtttgatc tcttatctcc tcccaccacc cttcccacc agtccccag gaaccagcag     1320
cgccctgccc cctagttagt gtactcacac ccctattccc tggggaagca gctagttgac     1380
ctttgccatt ttcccacac ccctggagaa aagagccagg atcagccagg ccctctccct     1440
tgcaattggt cgccctctg ggccaaacca aaggagcgt gctctgtaca ggtagagtcc     1500
aaggaggtgt cagctcatca tgtcattgct attcacgcca taagtggaa tcttcattga     1560
gtcgttgact tctcgacgga atgctgacag gttctgggtg aacctgtctc tgtttttcgt     1620
aagaagattt cgctcgatgc cttccatcag gttctcaaaa cacagggtgca tggcctgctg     1680
cttctccggt ggctggctgt tcacaatact gtttcttagg tcagaaaaat acttttcatt     1740
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gatgatgatg ttcagcaccg tggacagcat ctgctggatc atctctggat gctgctgcat     1860
gatgtgcaga aagcggctgc tctcctggtg caggggtgtg gtcctcttct tgggtgctacg     1920
tgacagctgc ttgaagaggt atgtcacaat gtggtccagg caggagcagc agcctgtgca     1980
taccatggtg tcaagtgcag taagtccttc agaaatggaa gagagaatat acatgatgac     2040
gtgaggttcc aggttgcaa taaagttcat atggctcctg gtcaggactt ccagtagtga     2100
ataataagac tggctgagct tggggtaatc caagagatca ctgtgaggaa tagagaggag     2160
cagcttgatg aaggtctgca gagcattgtc cagggcatcg tctccataga gacgaaagac     2220
tccgaaattg acgtaactcc cactgagagc agccttcagc atggagaagc agatggagat     2280
gcccttgagc ttcagagcat agacctgatc ctttgggacc tctcctagtg tcaggatgag     2340

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00453733.043400

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attgccatac attggttatca tcttgctggt ttctcgggaag agtaagatgc cattggggga 2400
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tacagggtgta gtacaggctg gatcatggta ccagagctca attgccggtt ggagaattgg 2520
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aaagttgagg cagttatgag tgagcttgag cagttgcatg agcaagccat gctgactttc 3600
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gatatcaaat aatgatgaat cgcgaaaaga agaggctatt tttctgtgct tggttaaagg 3720
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cagttttgtg attctggcat ataactgaat aagtgtctgt gtcacgaaag tagccaactt 3960
cggccgagtg gcaaggtagt tgagcacata gttccgaata tctattcgct gttccaatgg 4020
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ggtaaattca accaaggctt tctctgcctg gagtgcagtg gttgtgtctg tggtttcata 4200
cagctgtttg cacagattct ctagtgtggc caggctctgc acatgatccg ccattttgct 4260
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gcacgaaa 4328

```

<210> 8578
 <211> 1160
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (143)...(763)
 <223> similar to gi3153885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8578
agtcttttgt gcagaccct ttaaagggtg actcgtccca cttgtgttct ctctcctggt 60
gcagagttgc aagcaagttt atcggagtat cgccatgaag ttcgtcccct gcctcctgct 120
ggtgaccttg tcctgcctgg ggactttggg tcaggccccg aggcaaaagc aaggaagcac 180

```

tgaggaggaa	ttccatttcc	agactggagg	gagagattcc	tgacttatgc	gtcccagcag	240
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ctactggtgt	gagtacagg	ggcagcccag	catgtgccag	gcttttctgt	ctgaccccaa	360
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cccgtgctt	aggccatccg	tgtgcaggga	ggctggaccc	caggccata	tgacgaggt	480
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ggaagagctg	ggaaaagcca	aaccaccac	ccgaccaca	gccaaaccta	cccagcctgg	660
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cttccaggcc	ctgtgcgcct	ttctcatcag	cttcttccga	gggtgacagg	tgaaagaccc	780
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tccaacgttc	tcacactgga	agaagagagt	ttctaatacag	atgcaacggc	caaattctt	900
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tattatctgt	agaagttttg	ctttgttgat	ctgagccttc	tatgaaagtt	taaatatgta	1080
acgcattcat	gaatttccag	tgttcagtaa	atagcagcta	tgtgtgtgca	aaataaaaga	1140
atgatttcag	aaaaaaaaa					1160

```

<210> 8579
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1533)...(919)
<223> similar to gi3702627 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8579						
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ggaaggaaag	gaacagagaa	gtgaagaaca	gatacctccc	tccaagggtca	aatgcctcgt	180
gatcttggca	gagtagggat	tgggcaataa	gcatcaggta	tcttccctct	acagattcta	240
gagagctggg	gcattaaata	tgggggacac	ttagaataca	gctccttaaa	taccacaaaa	300
taaagacctt	tgtgtgtgtg	tggtgggtgg	ggggggggca	gggtcttttc	tcttatgaac	360
ataaatctgt	gagctgaagt	ctcattcccc	tgttcctccc	tacccccaaa	gaggcacaga	420
gtgaagggac	ttggggggca	cagctcagca	accagtgagg	agtttagcacc	ccctcccacc	480
ttatgatgtg	tgtggacctg	gccagtggcc	ctctgaacat	atcattatta	gtgtaattat	540
catttatatt	gtgtatttgt	cacatttgtg	gcatgacagc	ctttgttaag	ggtgtctgag	600
gagtattggag	ctgacagggg	cattggaatg	ccaggaaaga	acttcttcaa	ctgagatcaa	660
ggcttccctg	agggaaccac	tgcaaaaagg	ccatcaggca	gttttcaagt	tatgtgacag	720
agggcaaaga	cggccatagg	gtgctctgag	ttttgggatg	gtcacatgac	acaatccagc	780
acttgaacct	gggttacatg	ctccctcatt	gcgaggcagg	acgtaggcac	atgactgtgc	840
atthagggcat	atatgtgacc	aagaagaagg	agagaaatgg	aaaacactgg	agaacagaaa	900
gtatcaggaa	cttttcatca	ggcaatccca	aagcgctctg	ctcttttcc	cttctttg	960
tctgtatcct	ctgtggttcc	agttccagct	gaacttgtga	caatcccaaa	tcgctccttc	1020
ctctttttca	gtttctcatc	atcttcagac	tttctggaga	ttgaagagac	attcaaacca	1080
aatctttgag	ctctttcctt	cagcttatcc	aagtttaacc	taggtttgtt	atcagatgac	1140
agaccttttg	ttggaactga	agaaatccca	aacctagctg	cccagagcagc	tttcttactc	1200

```
tccaagctca caggtacatt gaatcgttca gccctcttct gcattctctc agtctgtggt 1260
atttcagatg taattttcac cactttcttc tctgctgcca catcaacagt tttttcaggg 1320
ggttcttctt ctttgacagg gagctcaatg ggctttggtt cttcttcctc tgtttcatct 1380
cccagtacat cttcttcatt tgcctcctct tcagcatggt cttcaagata tgcttgaggt 1440
ctgtggataa gatcttgctt tattcccttg gtctccaaac cacgagcaag acattcttgc 1500
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gtggg 1565
```

```
<210> 8580
<211> 1796
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(1442)
<223> similar to gi3873561 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 8580
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gcaaggcgac actcattgag gccaaccggg ccaagaactt ggccatcacc ctgcggaagg 300
gcaacctggg ggccgagcgc atctgccaag ccattgaggc gtacgacctg caggctctgg 360
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tcaccgctt tgagcgggag cagcggccaa tggaggagct gtcagaggag gaccgcttca 480
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gcaacttccc ggacacagcc cagctgctca tgccgcaact gaatgccatc attgcagcct 600
caatgtccat caagtcctct gacaaactcc gccagatcct ggagattgtc ctggcctttg 660
gcaactacat gaacagtagc aagcgtgggg cagcctatgg cttccggctc cagagcctgg 720
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aacagtggaa aaaagaagcc gctgcccagg aggcaggcgc tgataccccg ggcaaagggg 1200
agcccccagc acccaagtca ccgccaaagg cccggcgggc acagatggac ctcatctctg 1260
agctgaaacg gaggcagcag aaggagccac tcatttatga gagcgaccgt gatggggcca 1320
ttgaagacat catcacagat ctgcggaacc agcctacat ccgcgcagac acaggccgcc 1380
gcagtgcccg tcggcgctcc ccggggcccc cactgcaggt cactcgcgtg ctctcgtgt 1440
agccgctatt tctgcagggt gattctgcag ggggtgtggg cctccgctgt ggccccctc 1500
aaggaaggtg gtctcagct cggtggccg ggcagcccct cctccgctgt ggccccctc 1560
aaacgggctg gtgcatctc ctcttgcca cagagggcag catcgccgc cccttcccc 1620
aatgctgct tgcagaccc accctaaagc cccctccaaa tagccatact tagcctcagc 1680
aggagcctgg cctgtaactt ataaagtgc cctcgcccc gcaagccca gccccgagga 1740
ccgtccatgg acctatttt tatatgagat taataaagat gtttgcaaaa aaaaaa 1796
```

```

<210> 8581
<211> 3348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3349)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (427)...(1924)
<223> similar to gi2088839 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

094633-04100

```

<400> 8581
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ataattcgtg tccagtcctc agatggaggg aagcggatca cagcaacaaa gagagaaaca      180
gcagcaacat ttttgaaaaa ggttgcaaaag gagtttggtt tccaaaataa tggcttctcg      240
gtttacatca atagaaacaa gactggagag ataacagcct cctccaacaa atccctcaac      300
ttgctaataa tcaagcatgg cgatttggtt ttctgtttc cctcgagcct tgctgggcc      360
tcatctgaaa tggagacgtc agttccaccg ggcttcaaaag tctttggcgc tcccaacgtg      420
gtggaggatg agattgatca gtacctcagc aaacaggacg ggaagattta cagaagccga      480
gaccacagc tatgccgcca cgccctttg gggaaatgcg tgcactgcgt ccctctagag      540
ccattcgatg aggactatct aaaccatctc gagcctcccg tgaagcatat gtccttccac      600
gcctacatcc ggaagctgac tggaggggct gacaagggga agtttggtgc cctggagaac      660
atcagctgca agattaagtc aggtgctgag gggcacctcc cgtggccgaa tggcatctgt      720
actaagtgcc agccgagcgc catcacgctg aacagacaga agtacaggca tgtggacaat      780
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cggaagggtg gctggatatt tacagacctc gtctcagaag ataccgaaa gggtagcgtc     1080
cgctacagtc gaaataagga cacctatttc ctaagttcag aagagtgcac cactgcagga     1140
gacttcaga acaagcatcc caacatgtgc cggctctctc cagacggaca ttttgatcc     1200
aagtttggtt ctgcagtggc tacaggtggt cctgacaacc aagtccactt tgaagggtac     1260
caggtgtcca atcagtgtat ggcactggtc cgtgatgagt gtttgctgcc atgcaaggac     1320
gccccggagc ttggctacgc caaggagtct agcagtgagc agtacgtgcc tgatgtgttt     1380
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atttcgcana atccatttcc tattgaaaac cgggatgtat tgggtgagac acaggacttc     1560
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ctccatgagt acggcgccgt cgggggctcc acacacacgg cactgcagc catgtgggcc     1860
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```

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gaagccagaa gcgttgctga gtgtgttccc tgtaactgcc ccatagtggg cagccctgga 2040
ggaacaagg gctggctgtc ctgggctccc tgaccactg aagcttctca gcacgttcct 2100
ccctggagag cgggcgccac ggctggtatt ctgcaggctg aatgcagtct ccagactgga 2160
aacgcagagc ggctcctcac gcctaatect gttgacaagt cccccgccgt gttggaaaga 2220
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atagtgtacc aatagaggga gactggcgca tctggaacag cacgtggtgg ggtcctgctt 3060
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gccacgtgac ccacattctt ggcactatga acagagaaca tttgcctgtt ggcttctgaa 3300
gtggtcaggg ccatggctga cacctccagg tccgcctggc atgggaca 3348

```

<210> 8582

<211> 4527

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (144)...(3579)

<223> similar to gill136424 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8582

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ctgcagccta ctaccacccc agctacctgg cccacacccc cttccccac ccggccttca 720
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aaaaacaaag	ttttgtatgt	ttttattact	ttaactattg	ttataaaaag	cctgccattt	4440
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<210> 8583
 <211> 2030
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1989)...(1366)
 <223> similar to gi4204313 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8583					60
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agaggtgagt	taataaaaag	aatgtcagag	gtgctttcag	atttcttata	aaccagtaaa	240
ccaagcaacc	ctggacttct	agtttactga	gtccttctt	ctagccattc	acagttcctg	300
aaggagaaaa	gaagttgttt	gcagataagg	cacttttagaa	accaccaaa	agaaaaccca	360
agtctgccag	gagctgcact	gtgaacatgt	gagccgagag	ggccaccagc	agacagagtg	420
ccaactccca	cagctccatg	acaacagcat	ccaccttct	gccccaacac	tgttccgtct	480
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gacaactggc	cagagatgaa	cactgctgcc	tgaagctcag	ggcagctgcc	cacagtgagg	600
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tggctgtgta gcctctcctg ggctgcccct gtggtctggg atctgactcc acaactgtta 2520
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caaaggattc tgaacaaaag gaggccaaaag gctctttact gaggttttcc atggtgtctg 3360
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cga 3423

```

<210> 8585

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (855)...(159)

<223> similar to gi33702 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8585
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aagtttcccg tgggtggggg tgagggttga gaacctatga acattctgta ggggccactg 180
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gctcctcaga ggagggccgg aacagagtga ccgagggggc agccttgggc tgacctagga 480
cggtcagttt ggtccccccg ccgaagacat aagtgtgtgt gtcccacgcc tgacagtaat 540
agtcagcctc atccatagcc tgggtcccg c gatggtcag agtggctgtg ttcccagagt 600
tgagaccaga gaatcgctca gagatccctg agggccgctt gctatcttga tagatgacca 660
gcacagggga ctggcctggc ttctgctgat accagcaagc atatttatcc cccaatttat 720
ctccagagca ggtgatgctg gctgtctgtc ctggggacac ggacactgag ggtggctgag 780

```

tcagctcata	ggaggccacg	gacccgtgtg	agtaagcaag	gacgccgagg	aagagagggga	840
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```

<210> 8586
<211> 2629
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (541)...(1871)
<223> similar to gi5689483 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8586						60
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gggaaaggag	tagtcggcgg	tggcggcggc	accaaggccc	ccaagccctc	cttcgtgtcg	240
tacgtacgcc	ctgaggaaat	tcacacaaac	gaaaagggaag	taacagagaa	ggaagtaact	300
cttcacttgt	tgccagggtga	acagctgctt	tgtgaagcca	gcacagtact	gaagtatgtc	360
caggaagatt	cctgtcagca	tgggggtctat	gggaggcttg	tctgcacaga	cttcaagatt	420
gccttcttgg	gtgatgatga	atctgcattg	gataatgatg	aaactcaatt	taagaataag	480
gttataggag	aaaatgacat	tacactccac	tgtgttgatc	agatttatgg	agtgtttgat	540
gagaaaaaga	aaactctctt	tggacaactg	aagaaatacc	ctgagaagct	catcatccac	600
tgcaaagacc	ttcgagtgtt	ccagttttgt	ctgagggtaca	caaaggaaga	ggaagtcaaa	660
aggattgtca	gtggcataat	tcatacatacc	caggctccta	aactgettaa	acgattatth	720
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cagaacgaca	aagaggagca	tcaacgacaa	ctttctttgc	cacttacaca	atctaagtca	1560
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atttacttaa	accatcacat	ttttttcttt	ctacgcccc	ttgcctgtaa	aacacctggg	2580
aagttccact	ggtgtcatcc	atcctgatgc	ttcagaccac	ccgagccct		2629

<210> 8587

<211> 1156

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (743)...(981)

<223> similar to gi4731912 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8587

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ttatatccag	aattgagttc	tttcaaggta	gaaaaaattt	atattaacca	atttttagta	180
atgttcaaag	actagttttt	tgagtataaa	attgagttat	tataatcccc	tttagtattg	240
taaacccttt	aatagctttc	taaaatgaag	tagtattttt	ctatgtgagt	gaaatatcag	300
tttacattta	taataactga	tacttaaata	tgaattcctc	atttcactta	atcttttttc	360
aaatgatcat	acacatatac	taaaagaggg	gtgttttagga	aaagttgaaa	tgatggaatg	420
ttttggtctt	aggacctttt	ctcaaaaaaa	ataaggaaat	ctaaaaagca	ttttttcaaa	480
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gctgtgtggt	ccactggtta	gagccaagga	ctgggagcca	ggaggatcct	gggttccaat	600
gcggggctaa	ccactgactt	actgtgtgac	cttgggcaag	tcacttgacc	tccttgttcc	660
tcagtcaacc	atctggaaaa	ttggttaaaa	agcaggacct	cgctgacaac	cagatgctgc	720
atctgagctg	agcttttctt	ggcaccggct	ttccgtgaa	cattgtgttt	gtgtacaagg	780
aaactatata	aaggacttaa	atattcttgg	aagagatcct	tcaaaaacta	taataattga	840
caactcacca	caagcctttg	catatcagct	ttctaattga	atccctatag	aaagttggtt	900
tatggataaa	aatgacaatg	aactcctaaa	attgattcca	ttcctggaga	agcttgtaga	960
actgaatgaa	gatgttcgac	cacacatcag	agacagattt	cgcttgcatg	atttgctgcc	1020
cccagattaa	gtacaaagac	ttgtcaaata	actgaagggg	gagagaatgc	aggacctttt	1080
tggactaaga	caaaaacatt	gccattactg	ttgaaatttt	gcatttttgt	accccgctctt	1140
gcttttctta	tctttg					1156

<210> 8588

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (569)...(142)

<223> similar to gi3046869 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8588

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tcagtcccca	gcccagagat	caacgaaaga	aagacaactt	ttcttgagc	caggcctcag	180
tgaggtcatc	agtgtgctgc	atttcgaaca	cctttgtgag	ctctgctgtc	tgaccagcc	240
tgtttttact	ccctgcatac	atcatctgtt	gttcgggctt	gcagcccaca	gggctggaga	300
agatgaaaca	caaagggtag	gacactcggc	catcgtcatg	cacgtacttg	tagctgtaaa	360
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gaaattcttc	ctccagcacc	accatctgcc	ggctttgtc	caccttcatt	atgatggctg	480
cattgtctgt	ctcttttcgg	aagcggaatt	tcctcagctt	ttctgttagc	tctgggtcta	540
cctcgcacac	caccagggag	tcagacatga	ttgttctgtc	cacaggcctc	ttcttttctt	600
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aggaaggttt						670

<210> 8589

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2175)...(446)

<223> similar to gi4704735 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8589

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ctcccaaagt	gctgagatta	caggcctgag	ctgctgtatg	gctatgattt	tgtaaaggc	180
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gacgcgctgg	aactttctca	agcgttcagc	gcgcggagct	cccgcgcccc	ggctacccca	540
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tcctcgcagg	cgctgggctg	ccaccttgcg	gaatttgggt	gcgtcccggg	ccatgtgacg	660
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ggtatgcagg	acttgggggt	ccaggggccc	attctggggg	cccagcaggc	aggagggggc	1320
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cttctggcgg	gacaggaggc	cgtggtacca	aggttgcca	gcaaggctct	ctccatcctg	2160
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caggcctcag	tcttcacat	ctgggcagga	cccgcggggc	tcccacgagg	ctgggtccag	2280
gcggaagctg	aggctccgcg	gctccgggct	gctgtcacc	ccgccctcca	ccttgccacc	2340
gccccagcct	tcccagacga	aa				2362

<210> 8590

<211> 5088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (279)...(2601)

<223> similar to gi435446 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8590

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tcatatatgc	tgtgagaagt	tgtaatatata	attggcctct	ttgggtggga	ctctaagcag	3720
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tagctgtgtg	ctggattatt	caggactgat	taactcaagt	tgctcattga	atcacatcat	3840
ccactttatc	ccagaaacta	gaactgtgag	aaaccagggt	tagaagacag	tcacagaaca	3900
gcacacatcc	aaattcagcg	ccattgaaag	ttggcctaag	gctcagtgcc	actcaccctt	3960
ccctccccaa	aagacaagag	aaatttggtc	agatggggaa	ggtcactgga	aattgaggcc	4020

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aaagggctga tcagaattgc ctttataata tatttgatgg atgcctataa atgtgggttt 4080
tgcaaatatt gtttaaaaaac caaacttgaa gccaggcatg gtggcccaca cctgtggtcc 4140
cagctactca ggaggctgag gtgggaggat cttttgagcc caggaggtca aggctgcagt 4200
gagctgtgat gacaccactg cactccaacc taggtaacag agagacacct ctgtctctga 4260
aaaaacaaaa cttgaagttt gaaacccccca gcttgctgag gagccctttt tatttttgggt 4320
actgagagtc tcaaggtccc atagctacat ggtacagggc tgttgctctgc ttgctgcaca 4380
gcagaaatta caccatccac aggaaatgga ctatttttgc agtccaacat cagccaacca 4440
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tttttttagca cagccattta gatataacat ccttcactta aaaattaaaa acatcagtac 4560
taccaccacc accaacaaca tcaacacaga tcttcacatc tgcccattct gtggttagtc 4620
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catgtttcgg ggacttgggc cttctgatga ggggccctcg gtactctgga taacgaagct 4800
tgtgcagagt ggtaaccatg cttacacact aaactataat ataaaggaaa tgaagccatg 4860
ttaatctgag agcagtgtcg ccatagttgt gttgtttaca atactctata aatgggttcc 4920
tgttgccctg taattaaact gctgcccgta gaggcctttc agttcctttt ctgtccttcc 4980
ccttcttaac acaagctcaa attttctaac ttgtttttat tttgaagact tttaaatgg 5040
acattttcaa tacataaaaa taaacagtgc tttataaaaa aaaaaaaa 5088

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<210> 8591
<211> 845
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (88)...(765)
<223> similar to gi4580677 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8591
cagactcttg gaaggggcta tactagacac acaaagacag cccaagaag gacggtggag 60
tagtgtcctc gctaaaagac agtagatatg caacgcctct tgctcctgcc ctttctcctg 120
ctgggaacag tttctgctct tcatctggag aatgatgcc cccatctgga gagcctagag 180
acacaggcag acctaggcca ggatctggat agttcaaagg agcaggagag agacttggt 240
ctgacggagg aggtgattca ggcagaggga gaggaggtca aggcttctgc ctgtcaagac 300
aactttgagg atgaggaagc catggagtcg gaccagctg ccttagacaa ggacttccag 360
tgccccaggg aagaagacat tgttgaagtg caggggaagt caaggtgcaa gacctgccgc 420
tacctattgg tgcggactcc taaaactttt gcagaagctc agaatgtctg cagcagatgc 480
tacggaggca accttgctct tatccatgac ttcaacttca actatcgcat tcagtgtctg 540
actagtacag tcaaccaagc ccaggtctgg attggaggca acctcagggg ctggttcctg 600
tggaagcggg tttgctggac tgatgggagc cactggaatt ttgcttactg gtccccaggg 660
caacctggga atgggcaagg ctctgtgtgt gccctatgca ccaaaggagg ttattggcga 720
cgagctcaat gcgacaagca actgcccttc gtctgtctct tctaagccag cggcacggag 780
accctgccag cagctccctc ccgtccccc aacctctcctg ctcataaatc cagacttccc 840
acagc

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<210> 8592
 <211> 1990
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (208)...(974)
 <223> similar to gi2695737 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0040025.01.00

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<400> 8592
tttcgtccgg gattcggcca gtggtgctga gcgagtgctg gaccagcggc cgtcctgtgc      60
acctggcctg tgcgcgtgcc cgctgctcgg cttcacccag actaaggcgc gggcagctgc      120
gggaacaggc ggggtgggcg gagggagacc gggaggcacg ggcgccctgt gcgcggagga      180
ggtgaaggcg gccggggccg ggacgccatg tccatggagg accccttctt tgtggtgaaa      240
ggagaggtag agaaagcagt caacactgcc cagggattgt ttcagagatg gacagagctc      300
ctccaggacc cctccacagc aacaagggaa gaaatcgact ggaccacca cagagctgaga      360
aataacctcc ggagcataga gtgggatcta gaggaccttg atgaaaccaa cagcatagtt      420
gaagcaaatc ctagaaaatt taaccttgat gcaactgaat tgagtataag aaaagccttc      480
attacaagta ctcggaagat tgtcagggac atgaaagatc agatgtcaac ttcattctgtg      540
caggcattag ctgaaagaaa aaatagacag gcactgctgg gagacagtgg cagccagaac      600
tgagcactg  gaacaacaga taaatatggg cgtctggacc gagagctcca gagagccaat      660
tctcatttca ttgaggagca gcaggcacag cagcagttga tcgtggaaca gcaggatgag      720
cagttggagc tgggtctctg cagcatcggg gtgctgaaga acatgtccca gcgcacgga      780
ggggagctgg aggaacaggc agttatgttg gaagatttct ctcacgaatt ggagagcact      840
cagtcccggc tggacaacgt gatgaagaaa cttgcaaaag tatctcatat gaccagtgat      900
cggcgccaat ggtgtgccat agccatcctc tttgcagtcc tgttggttgt gctcatcctc      960
ttcttagtgc tgtgacggcg gggcctctgg gtgcgagttc ctctgcata tgaaccgagg     1020
ggaggaggag aagctgagca cgtgtgacat tgccgtctac tcacattcct atcctggaaa     1080
catactgctg cactgacttt tctccgtgtg accccacaat tgacatggct cctccatccc     1140
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caacagaagc cccatgccgc ctgtccagtt cggaggagaa ctactgtctg ccttgccctc     1260
cgggacctcg tttgctgagg agggacttac agactccact ggtgttttgc tggtgctcat     1320
tccatgcate tttggcagct cttttcttct gctcagacct ttccccgtgc tcagacagtg     1380
caccgctgtc ccatctaaag aaacctgtca ggaatacgag cttctgggta tgtttcgttt     1440
cccattgctg tagcatttct tatcccctga gagctgatga ttattgagga cagaaggctc     1500
agaaacagtt tgtgacagaa aatgcagtgt ttcatttttc agggataaat gctaagataa     1560
aattgctttt ccaggtcatt tttttttgtg gcaagaataa ctaatggaaa ataataaaac     1620
accctggggg ttgggggtgc taacaacttg tggttttaac tgacaggagc aattaaaaag     1680
agcaagaggg ttctgcattg gcatagctta aggaagggtt aatgatgtcg ccacagggtc     1740
gctcctgatc cttgccgact tgatgttgct gtaccagggc ttcctcccca gaggtgcagc     1800
ttgcgttttg agggtgattg ctacatatgt tgttgctaaa cagctcagta acacacttga     1860
atgaatttgg ataccagatt gtcctcatta cagctctttt actcttaggg cactctacac     1920
tggggggttg ggttgaggag gggtagtaca tttattacat ttattaaaaa acgcagtgc     1980
ataaaaggtt

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<210> 8593
 <211> 1052

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (964)...(293)
<223> similar to gi868241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8593
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agcaggcacg tgccagcccg ctgcggccccc tcccccggc caactcccag gtgcagacca 120
tgctatgcag agagtgcag gcaacgcgcc cctactgctt tggagtgcga gtcgaaagcc 180
gagggaacct gcctgcacca catcctgcct gccccacaca cgcacacgcc tgctcgctgc 240
gcaggccacc aacagtctgt ctggggcccg ccagcgctgg accccattac atggatccag 300
cccagttctc caattccttc atgtcgctgt cctcctcttc ttttttcttg gcgggttttg 360
atggtagggc tatagaggga acatttggtg gagggactgt ttcgggtcca ctgatttcca 420
gcaaattctt gtctagttcc tcctgttcta gttcttctaa ttccgccatg agctcctcct 480
cgtcaaaactc ttctccaaac cctacagggt tcgaaattgc tgttgaaatc tcctctgcaa 540
gttcttgctg gtcagcaatg tcctgcatta actcatcaac tttatcgatg tccatgttgt 600
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tcggggccgc cttgccggcc ttacccctc cagccccgaa cagcttcccg aacaccgaca 960
tggttgctgc tcgccgcgc gcccttcgcc gcccgctcgc gctcggctcg gctcggctcg 1020
gctcgggtcg gacgaaatcg tcgaccggg aa 1052

<210> 8594
<211> 1496
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (67)...(1413)
<223> similar to gi202215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8594
gaattcccgc gtcgacgatt tcgttgtcac cccgactcaa cgtgagacgc accgcccgga 60
ctcaccatgc gtgaatgcat ctgagtcac gtggggcagg cagggtgcca gatgggcaat 120
gcctgctggg agctctattg cttggaacat gggattcagc ctgatgggca gatgccagat 180
gacaagacca ttggtggagg ggacgactcc ttaccacct tcttctgtga aactggtgct 240
ggaaaacacg taccggggc agtttttggt gatctggagc ctacggctcat tgatgagatc 300
cgaaatggcc cataccgaca gctcttcac ccagagcagc tcatcactgg gaaagaggat 360

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gctgccaaca actatgcccc tggctactat accattggca aggagatcat tgacccagtg 420
ctggatcgga tccgcaagct gtctgaccag tgcacaggac ttcagggctt cctgggtgttc 480
cacagctttg gtggggggcac tggctctggc ttcacctcac tcctgatgga gcggctctct 540
gttgactatg gcaagaaatc caagctggaa ttctccatct acccagcccc ccagggtgtct 600
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ctgggtgccct accctcgcat ccacttcccc ctggccacct atgcaccagt catctctgca 900
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cgcagcattc agtttgtgga ctgggtcccc acaggcttca aggttggtat caactaccag 1140
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tcctatgagg acgaggatga gggagaagaa taaagcagct gcctggagcc tattcactat 1440
gtttattgca aaatcctttc caaaataaac agtttccttg cacggttaaa aaaaaa 1496

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<210> 8595
<211> 2714
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (279)...(923)
<223> similar to gi3880413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8595
tcgtggtgct tgggtggtcg ccaccaagaa gacttttggtg gggtagtctc ggggcagctc 60
agcggcccg c tgtgcccgtt tctggcctcg ctgcagcgtt gcacgtcgag actcgtaggc 120
cgcaccgtag ggcgagcgtg cgggtcgccc gcggccgcct cggggtctgg gccagccgc 180
agcctcttct acccgggccg gttgggagtc gccgcgagat gcagcctccg ggcccgcccc 240
cggcctatgc cccactaac ggggacttca cctttgtctc ctcagcagac gcggaagatc 300
tcagtggttc aatagcatcc ccagatgtca aattaaatct tgggtggagat tttatcaaag 360
aatctacagc tactacattt ctgagacaaa gaggttatgg ctggcctctg gaagttgaag 420
atgatgatcc tgaagataac aagccactct tggagaagtt ggacattgat ctaaaggata 480
tttactacaa aatccgatgt gttttgatgc caatgccatc acttggtttt aatagacaag 540
tggtgagaga caatcctgac ttttggggtc ctctggctgt tgttcttttc ttttccatga 600
tatcattata tggacagttt aggggtggtct catggattat aaccatttgg atatttggtt 660
cactaacaat tttcttactg gccagagttc ttgggtggaga agttgcatat ggccaagtcc 720
ttggagtatt aggatattca ttacttcctc tcattgtaat agcccctgta cttttggtgg 780
ttggatcatt tgaagtgggt tctacactta taaaactggt tgggtgtggtt tgggctgcct 840
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atccaatctt tttattatac atttattttt tgtcgttata tactggtgtg tgatccaagt 960
tatacatgaa tagaaaaaga tgggtgttaaa tttgtgtgta ggctgggaat tcttgctgaa 1020
ggaattggag aaaacctggt gctgcaaaat tttacatggt ccagatggaa aggggaagtct 1080

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aagcgctttt taaaacaatt tttttttgta ttttaattaag caattgcagt tatctgggat 1140
ttttgggtca gaatttttaa ttctgtttga ttctccatat tccagtgaat aaaatacaaa 1200
agcatttgtg ttttaagatt gtgtcgatat tcacctaaaa acttggtgcca aaagcacctg 1260
gattggtaat tatatttcac ttaaagggtg aatttgacaa tatcttgata atcaaaagtg 1320
caattttttt cttcaaaatg ttttctccag catcacagat cctgcagata tatatttata 1380
tttatacata tatatttatg aaataattct tactcacaaa atatatattct gataaacatt 1440
aagatattaa atctgatgca caaactttaa tttggccatt aatctttttt atttaaaaat 1500
ttaaatttgt ttttaaaatt gtatatagtt tttaaaatct cacacatgct tcgataacttc 1560
cttggttaaga attcttaata actactaaaa ctgattttta atagttgctg atatatattt 1620
ggtttgtttg ggtatacttt tcaaaacccat ttttgaatgt ccaaaccatct gattttaaagt 1680
ttctgtttat ctttctgacc aaaggagcaa gaggtataat ggatatggca ttcattaaaa 1740
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ttctaaatca taaaagttgg ggaaagagac ctttaaaatc ttgtggtggt gaacaatggt 1860
atatgaagta gaaaaaataa aatacttccc agttgtgtgt tttgttttac agcaccatgt 1920
cctgtattac ttgatatttt aacaagtatc aggtactctc taacaaatgt acagtttttg 1980
ctaagggaat tattaagaaa tttttatcag tgaaatattt gttgcaaata atttcatagg 2040
tttttagata cacctgtagt taatattact ttgtaaagta ggtaaatacat tttatttatg 2100
tccataaaat atcaaatgtc tgtaactat tagcaaatat ttgtattatc ctttctgggtc 2160
tcacctggaa gagtttccctg ctgtcctcag tatgataaca tggcgacctc ttggtatgta 2220
tttcttttagc aaacttaccc atcaggaaat atccagcacc tctgaagcaa acctacaaat 2280
gagtgtgtta tcaagcccgag ccgtcttcct tccccctaat cccaaaagga aagaaagaaa 2340
aacttatatt aagctgcaga aaaagtgtgg agcacttttg agctagaata atgtagaaaa 2400
ttacatgtac tgattttttt aaaaacaggt gagaagcacc agagggacag gacttctaga 2460
agttagaata atatgaagta atcaggaaat atctatgcct acagaagcag caaccgtaag 2520
ataaacattt gttacactta agaaattgct gaggttaata ctttggttata atggattata 2580
atatttgaca ttcatagtgt tgaccctgga atctttcaca gaaagcttgg gggtcaggac 2640
caggaggtag aatttttcaa ggcaataaat gaaggtattt taagatcacc tctattaaaa 2700
aatggtttta tttt 2714

```

```

<210> 8596
<211> 1877
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1878)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (48)...(1208)
<223> similar to gi4929759 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8596
ttttttcaaa attctgcacg agggggccggg gctgggtggc agcggccatg gaccgcttcc 60
tttgaccag cgccctcctg gagatcaacg agaccctggg gatccagcag cgcggggtgc 120
gaatctacga tggcgaggag aagataaaat ttgatgctgg gactctcctt ctagtacac 180
accgactgat ttggagagat cagaaaaatc atgagtgttg catggccatt ctcttttccc 240

```

0940335.013100

```
aaattgtgtt cattgaagaa caggcggctg gaattgggaa gagtgccaaa atagtggttc 300
atcttcaccc agctcctcct aacaaagaac ctggcccatt ccagagtagt aagaactcct 360
acatcaaact ctccttcaaa gaacatggcc agattgagtt ttacaggcgt ttatcagagg 420
aatgacaca aagaagatgg gagaatatgc cagtttccca gtcattacaa acaaatagag 480
gacccagcc aggaagaata agggctgtag gaattgtagg tattgaaagg aaactggaag 540
aaaaaagaaa agaaactgac aaaaacattt ctgaggcctt tgaagacctc agcaaactaa 600
tgatcaaggc taaggaaatg gtggaattat caaaatcaat tgctaataaa attaaagaca 660
aacaaggtga catcacagaa gatgagacca tcaggtttaa atcctacttg ctgagcatgg 720
gaatagctaa cccagttacc agagaaacct acggctcagg cacacagtac cacatgcagc 780
tgccaaaaca actggctgga atattgcagg tgcctttaga ggaacgaggg ggaataatgt 840
cactcacgga ggtgtactgc ttagtaaacc gagctcgagg aatggaattg ctctcaccag 900
aagatttagt gaatgcgtgc aagatgctgg aagcactgaa attacctctc aggctccgtg 960
tgtttgacag tggcgctcatg gtaattgagc ttcagctctca caaggaagag gaaatggtgg 1020
cctcggccct ggagacagtt tcagaaaagg gatccctaac atcagaagag tttgctaagc 1080
ttgtgggaat gtctgtcctc ctagccaaag aaaggttgct gcttgagag aagatgggccc 1140
atctttgccc tgatgactca gtggaaggcc tgcgttttta cccaaattta tttatgacac 1200
agagctaagg gttttgtatt taaaatcctt tttgtccata tgcttgctgc atgtagaggt 1260
tgtatgacat tgagctaaga gataaacccc gatcaattga gaatttattg gaacttcaca 1320
gtgcaatgta aatctctttt aatttctcac taaatatggt ccaggaaatt tatttagtat 1380
acgcatagga aaattcagaa aagtgaatgc caatatgaat ttaaaatcat gctatagtgc 1440
agaaccctca gagtttaact tggaatatag tggatttttaa cttgatcctc aaatctaate 1500
attttataaa gaagggaatt tagttttgca gagaataaaa agagaagttg catgttcaga 1560
caggtttagt tattattttg gtgtaactga aattcactga ttgcacatga caatgttggtg 1620
acaaaatata ctgcagcatg ctatatgagg ctctcccca gggcttttag aagcagtcac 1680
agacatgtct tcaacatacc aaataaaata ctttataaaa tgaaataatt ttatttgaca 1740
catatattta tatatatctt atctaggttt ctcttngtt ttttttaaag tgatgatttc 1800
atggactggg cattttaaag aaatggcaac tngtggtcca tttttggttt ttccaaatgc 1860
tgtggaattt ttggaaa 1877
```

<210> 8597
<211> 2029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (254)...(1218)
<223> similar to gi4938275 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8597
tgattcctga gtgctgagcg cgaaccogag gagatgaagt aaggcgtcag ctttcttttg 60
aggaaggagc agcggggccac tgggggtggt ccaccgggac tgggtgtgta gagcgtctgc 120
ggggccgagg ggccgggagcg gcgcggggac tggaacagct cgtcccctag ttttgcctct 180
cctcagctcc ggccggttcg cacttacttg tctgcttttc tgcctaccct cccacacccc 240
cccgccaccg tgaagccctt taactaagggt gaagctgac aacgagctga atgaacgaga 300
gttccagctt ggggtggccg ataagggtgc ctggcactcc gagtacaagg acagcgccctg 360
gatcttcctg ggagggcttc cttatgaact gactgaaggg gacatcatct gtgtgttctc 420
acaatatggg gagattgtta acattaatct cgtgcgggac aagaaaactg ggaaatccaa 480
aggattctgt ttccctctgt atgaagacca gaggagcaca attctggccg tcgacaattt 540
```

taatgggatac	aagatcaaag	gaagaactat	ccgagtggat	catgtgtcta	actatcgggc	600
tcctaaggac	tcagaagaaa	tagatgatgt	gaccagacaa	ctccaggaga	agggctgtgg	660
ggctcgtacc	ccctcaccaa	gtttgtctga	gagctctgaa	gatgaaaaac	caacaaaaaa	720
gcacaaaaaa	gacaaaaagg	aaaaaaagaa	aaaaaaagaa	gaaaaagaga	aagccgaccg	780
ggaggtacag	gcagagcaac	catcctcttc	gtcaccacga	cgcaagacag	taaaggaaaa	840
ggatgacact	ggccctaaga	agcacagcag	caagaactca	gagagagctc	agaagtcaga	900
gcccagggag	gggcagaagc	tccccaatc	caggacggcc	tactctggtg	gagcagagga	960
cctagagagg	gagctgaaga	aggagaaacc	caagcacgag	cacaagtcct	caagcaggag	1020
ggaggcaaga	gaagaaaaga	ccaggattag	ggacagaggg	cggagctcag	atgcacattc	1080
tagctggtat	aatgggcggt	ctgaagggcg	tagttataga	agtagaagta	ggagccgaga	1140
taaatcccat	aggcataaaa	gggcccgcg	ctcccgggag	cgggagtcct	cgaatcccag	1200
tgaccgttgg	cgctactgaa	gacttcagct	gcacagtaga	tttggaata	attatgtttt	1260
ttaaattgcag	tcaaattcag	ttgggtgggt	actatTTTTT	tatctaaaac	ttctggggct	1320
ggattctttt	aatcccttga	ctatTTtagag	tcattgggag	ggctgcagtt	tcaacagcta	1380
gatatacctgg	atattgtttg	caccatccat	tgtccctgta	ccagagtatg	tatcctgaac	1440
tttggttcat	aaatatggct	cttgaaccca	tagaccccag	ttgaagatgg	aattttcagg	1500
aaagggaata	tactagataa	ttctagaatt	ctagtcttcg	tgtagatgt	ttatagccca	1560
gcattcttggg	acctttccag	ttactaggtt	tggacagctt	gatgtgaacg	aatgggatag	1620
gatttttaaa	atcagccagc	tccatgcccc	aaccttctcg	tttgcagaac	tttttaatgt	1680
cttttctttt	tcattaaaaa	ttttttgttc	gatatgcctc	tttccacatt	ttttccttgc	1740
aatgtatttta	ttattttatt	gtattttagg	gaaattcaca	taacataaag	ttaaccattt	1800
taaagggaac	aattcagtgg	catttggtac	tgaacatcca	cagtgttgtg	taaccattgc	1860
ctctgtctag	ttccaaaaca	tttttttatc	atcccaaaat	gaaaccctgt	agccattaaa	1920
caagagctcc	ccgtttcttc	cctcctccct	gtccctagca	accaccagtg	gacttcctgt	1980
ttatgggttt	gcctattctg	gatctttcat	aaaaatggaa	ttacacaaa		2029

<210> 8598

<211> 2896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (353)...(1344)

<223> similar to gil665811 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8598

aattcccggg	tcgacgattt	cgtgctcctg	ccacagccgt	cgccttcgcg	gcggctctcc	60
agccccgcgc	ctcagcctcg	gcgcgcgcatc	accgcgtccc	aggcctcctt	ccctccctct	120
gccactcccc	ctccctttcc	cgtcttctt	gcccacccgg	ccggcagaga	gagcctggat	180
acgaagcagg	cgggcttcag	agtgggttgg	aaaaatggag	gtgccgcgcc	tggatcatgc	240
cctcaacagc	cccaccagcc	cctgtgagga	ggtgatcaaa	aacctcagcc	tggaggccat	300
tcagctgtgc	gaccgggacg	ggaacaaatc	acaagacagt	ggcatagcag	agatggaaga	360
acttcctgta	ccacataaca	tcaaaaataag	caatataacg	tgtgactcat	tcaagatttc	420
atgggaaatg	gattcaaaat	caaaggatcg	cattacacac	tattttattg	acctcaacaa	480
gaaagagaac	aagaactcca	ataaatttaa	acacaaggat	gttcccacaa	aattgggtggc	540
aaaagctggt	cccttgccct	tgactgtccg	tggacactgg	tttttaagcc	caagaactga	600
atatacagta	gcagtgcaga	ctgcctcaaa	acaagttgat	ggtgattatg	tttgtgtctga	660
atggagtga	attatagaat	tctgcaccgc	agactattca	aaagttcatc	taacacaatt	720

gttggaagaag	gctgaagtga	ttgcaggagc	catgcttaag	ttttctgttt	tttatcgtaa	780
tcagacaaaa	gaatatTTTT	actatgttcg	agaacatcat	gggaattgta	tgcagccatc	840
tgtcaaggat	aacagtggta	gccatggctc	tcctatcagt	ggaaaattag	aaggcatctt	900
cttcagctgc	agcactgaat	tcaataactgg	aaagccaccc	caggattcac	cttatggaag	960
atacaggttt	gagattgccg	cagaaaaact	ttttaacccc	aatactaact	tatactttgg	1020
ggacttctac	tgtatgtaca	ctgcttatca	ttatgtgatt	cttgttattg	ctcctgtggg	1080
atcaccagga	gatgaatttt	gtaagcagcg	ccttcctcaa	ctaaattcta	aggataataa	1140
atTTTTgacc	tgtacagaag	aagatgggg	gctggtttac	caccatgccc	aggatgtcat	1200
tttagaagtc	atttactactg	accctgtgga	tctttctctg	ggcacctggg	cagaaatcac	1260
tggtcatcag	ctcatgagtt	tgtctactgc	aaatgcaaag	aaagatccca	gctgcaaaac	1320
ctgtaatatc	agtgttgga	gttaatgcc	acttttctta	ttcttactca	gccccctttc	1380
ctcccttagg	agcattggtc	ctctgttgtc	cattttttatc	accagatggt	ttccactgaa	1440
gcatgcacat	gccactgtca	ccaaaacaaa	caactaccac	tttccaaatt	tcattcagaa	1500
ccatttttagt	gttttcctat	tccctacccc	tccactact	ttcaatgatg	aaatacccta	1560
agttaagttc	tccttttgac	actttattgc	ctagatgctg	caatgttttt	atgtttcctt	1620
tatgccaac	ataacaaaac	agttatatag	actgctttag	caaagtacac	aataatggct	1680
tataaatggt	gtttaaatat	gcattcattt	taatctactg	aacaaatatt	gggataactc	1740
caaaccgcat	gaaagggtgt	aattgcagca	tgagttaaatt	cttgaagcct	agaattgtca	1800
gcacttccaa	cttcttggtt	gacagtgtta	tttatgttat	ttatattagc	taacaggaaa	1860
caactactgt	gtttcaacat	aataaatata	atagaaaaat	attttatttg	tattgttgta	1920
taaaattatt	acaatcatat	agaatatata	gagttacatt	ttaatagcaa	ctgtgtacat	1980
gtcacgaac	catttcctt	atcaaagatg	taatttgtaa	acctcaaata	gttgtgtatc	2040
tgtcctgtta	gaagtagatg	acttcaatta	aacaaattta	tgaaggacat	tattctgatt	2100
cataaaaagtt	ataaaaatatt	aggtaaatac	agagaaaaca	ataagcctct	gaaataagtc	2160
tgtttctgaa	atagtcaata	gtcttcccat	ccaaactata	agagaatgtg	aatttcttca	2220
acatcatact	taaacattac	agaaaataga	aatacaaaaa	aggttggtac	atgagagaaa	2280
atgttgacct	tttacttcct	tttacaaaaa	tgaataaat	aaacatgttt	tcgtataaaa	2340
taacacaaaa	tgatatacac	tgaagttgat	gaagcaaata	aatattctgg	gcttcttttt	2400
caaggtatca	ggggcaaaca	atttccaaac	ttttgcattt	tgtacagaag	gatgaataac	2460
tacagctcat	gggaaatgtt	ttgactttac	aaagtataga	tgttggaaac	taaagaaaaa	2520
tgtatattcc	caatgaaaaa	atagttatat	catcttatag	ttaacaaaaa	gattagcaat	2580
aatactatgg	acacattaga	ttatatacta	cagcacata	tctatccaaa	atacctattt	2640
taaaattttta	atacaatatt	ttattttaat	ataaacatct	gtcagttata	gacaaagata	2700
ataattcaca	aagtacatgc	tatcagaatg	aactttggta	accagaaatg	taaaatttca	2760
aataacggat	aaaataatgt	gttattttta	tagagaaaga	aaaaaaatag	caacacaatc	2820
tagttttattt	taggttactg	agagcctagc	agacttaaag	gacaaggtag	taaatgtttt	2880
atcactcaaa	aatcct					2896

```
<210> 8599
<211> 942
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (765)...(576)
<223> similar to gi3641542 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8599

```

atTTTTtaggt aagatgaggg ttcatccatg gtgggtccag gccggtctca aacccccgac      60
ctcaagtgat cccgcccgcc tcggcctccc aaagtgtctg gaccgtgggc ataagccacc      120
gcacctggcc ctttaacttg atttcaaagc aaaattatac aaatggaccc taacttctat      180
tatataTTta agtttacttc aaagatctat tttatcctta tccttagaaa ctgtgaggaa      240
aaaaaaacta tgTTaacaAA gctgatgaca aagattcttt attatataag agatcctatt      300
atctgatcat attacctaAt aaattatata tgaatgttca ataataaaaa taatgttcac      360
caatatgtca catgcatggT tagtgTTTTt ttctttgaag actgcttcta aaacatcgca      420
ctaagtaaaG ctgaaaggat aaagttttaa atagttttta aaggataagt tataacatat      480
gtaatgactg tccactctac aaaatcttga tcttagagct tatgatacac ccagttggca      540
gtagcaccca ggTTTTccaa atagccagtc atcacttttc tcttgctctg atagacttct      600
tctcattagc tgCcttctgc ttttcttgca tgatctcaga gtccctctgc tttctctgag      660
aggcagtcaa gctatcctct ttcctctttc ccttgctaAt ttcctgggtt ttcttcatgt      720
ttttctggcg ggcaagttct cgttgatttc cacgggccat gccgaccacc aacggagcct      780
ggaagaagag caactcggaa aagcaacggt tctctggcac tctgggatac cgtcaccacc      840
gctgaccggg aaggctgagc cctcgtgggc cctccgccg gctgcgcctc cgctctgctc      900
cgcgaaattcc accacacgga tagtggtcta cgagggtttc aa                        942

```

```

<210> 8600
<211> 2827
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1997)...(1513)
<223> similar to gi5911935 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8600
tttttttttt ttggccatag aaacgtcttt attgaagagg acaggagtca tgctgagttt      60
ggggacatgc agtgaagggg cagtcgtgag ctgtccttgg tggtcggggc cccaggtccg      120
ccctggaccc cctgggcctt caggttctcc ctcgagctgt tggctctggcc caggtgctgt      180
ggggtccttt gaggccagtg actagaacgt agattgaaat cggggttcca ggatttgaga      240
tcccctcagg gccttggggc cttccattta ttagagatgg aggccttagg atttggggtt      300
cccttagggc tggggctctt ggaatttggt gtcttgaaac ccatggactc ggggcattga      360
aattctccag tttccaggga tgggaattcc tgtgtggggT ttcttggtgc ctgtgaatag      420
ggcttgaggt gtctgggagc ctggaatgca tatectgact gcagtctcct ccataccagg      480
cacaaggacc tcatgattgg gtttcctggg gacttgggat tggattttca aatttgggat      540
tccctgggga tttgggattc catgatttgg gggtcctagg agttacggca ttggggctct      600
ctaggggctg taggacttga gggcacaggg gagtttgagg cgtgtgtact ctagggtttg      660
ggatccccag agtcctagaa tggggcctcc aaattttggg gtcccccaaa gggggaagtc      720
gttacttaaa aaatagagaa ttttctggga gtctggccag cacaggagct gtggggccatg      780
tgggggtggc ttcatacaag gcactggggg tttcttgagg gtgcagaggg taggaagact      840
tgggggggtc tgtaattagc acttccagga ctgttttggt gtcgtgaaat taggggtgac      900
agtgggctgg ttatggtggg tttcttcttg agggataaga acaagggtct ttgttaatga      960
aggaagtctc tgattgaggg gttggaatct aaggccttca gggtgaccat ggggtcacga      1020
catcttgaga ggactgatgt taaatgggga acaatgacat gaatgtctgt tactcttttg      1080
ctttgggggt gtgacctatg tttatttcaa gaggacttaa ggggcagtgt ttgttaatgg      1140
ggaggtttct gatccagggt tgggtgattc aagaatgttc tgttgtaatg cattatgtgg      1200
agagggtcac catcatttgg ggtgatattg aaatctgtta atctgggaat ctgctctgag      1260

```



```

gggttgggga tagggactag cctgaagggt ctactcaggg aatctctttc tgggtgacat 1320
gggtctgtta tttgggggtt attatgggag tatctgttaa taatggggcc tcaatgatcg 1380
agggtggctt aacaggggtc tctactctgg atgtgttact gggaatctct atctcagggg 1440
gactcagggc tcctcgggtg tcaggagatg ctagtgggga ctctgtctct ttgtcaggtg 1500
tccagggcct ctaagactgc atctccgccc tcagcatcca gggaaccag cagcagaaca 1560
gcaacctgga aatggagtgc tctgatgcaa tgtcctttgg ggtccggact gtggtgaagg 1620
tgcgtttggg ctgcgtcatt gtcacttgat gcactttttt ggctccaacg ctgtccccgg 1680
gggaatcagt ggatccgcca atcctctgaa tacgggatgc tgggtcgaaag accccatgcc 1740
tcggggggca agtgaagtac cggacaccga agacagagcc atcatgcttg cctgtgggct 1800
ggtccagctc aatgccatac cagtaacctg gggcaaagtc tgtcttcccg tagaagcgca 1860
cgatcccctg cttctggccc gcgacaagga cctgggtctcc aacctcagcc ttggccccgt 1920
cacgtgctg caagctgccc agagatgggg atgatggggg cttcttcttg cctttgtgtt 1980
ccctgcggcc tttgccgtg acacgggaga agtccatccg gggggtccgg ggtgtggagg 2040
tgacagagga ggggggtgag tccactgcct tggagatctt ggacacggag gcaaagagac 2100
cctgcttggg agggcagatg aagtaccgaa cgcccccaac gctgccatcg ttcttgccct 2160
caggttcgtc cagctccacg cccacccact ggccgctggc aaactccgtg gtcccacaga 2220
accgcagtgt gcccgctctt tggccatcca gcagcacgag gtctcccagg cgcaagccca 2280
gtgcgctaag catgagattg cctgggacgt tgtcatagtt gggtagcgtg accttgggga 2340
gggcgcaaga tagtggcact gcctcttcca gaagcgctcg cagctccttg gccaccagt 2400
ccgcctctgc cttgtccagg gacatgtcca taggatctgg gaccacctcc gccggcacct 2460
gtccttttgc attcctcagc gcagggttgg cgccgtgctc cagcaaacad ttggcggcgc 2520
ccaggcacag gctggaagca gcgatgtgca gggctgagcc gtggttgaag tcaactgcacg 2580
tggagttcac cactcgcggc ctgcgaccct tcagcagcac acgcacgagg tcgggcacat 2640
caaaatagga cgcgtagtga agcgcggtca tgttggtcca gcggatgcgc agcgtcacat 2700
gctgcgcccc gcgcccagcag ctgctgcgag aggcgcacgg ctgcgcgggg gtccccgact 2760
ccgtgggccc cagctttgca ctgcatagtg gagcagtgct atgtcgggtc gcccgtcacg 2820
atcgttc

```

```

<210> 8601
<211> 2346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (99)...(2295)
<223> similar to gil79285 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8601
tggttcaggc ggggtgtcttc ggccggggtt gggaacataa aagtttggtt caccacgtaa 60
gccggacctc gcaactccggg cccggtctcg tcgccaagat ggtgaagccc aagtacaaag 120
gacggagcac catcaaccgg tccaaggcca gcacaaacc agatcgagtg caggagcag 180
gaggccaaaa catgagggac cgggccacca tccggcgctt gaatatgtat aggcaaaagg 240
agcgcaggaa cagtcgtggt aaaataatta aaccctgca atatcaatca acggtggctt 300
ctggcacagt ggcaagagta gagccaaata ttaaatgggt tggaaacaca cgtgtgatta 360
agcagtcata attacaaaaa tttcaagagg aaatggatac agttatgaag gatccataca 420
aagttgtcat gaagcaaagc aagttaccaa tgtctcttct ccatgatcga atccggcctc 480
ataacttgaa ggtgcacatt cttgatactg aaagttttga aactacattt ggccctaagt 540
cacagaggaa acgaccaaac ttattttgca gtgatatgca gtctcttata gaaaatgctg 600

```

aaatgtccac	tgagagctat	gaccagggca	aggatcgtga	tttggttaact	gaagacactg	660
gtgtgagaaa	tgaagctcaa	gaagagatct	ataaaaaggg	acagtccaaa	agaatatggg	720
gtgagctcta	caaggtgata	gattcatcag	atgttgtagt	tcaagttctt	gatgctagag	780
atccaatggg	tactcgtttc	cctcacattg	aaacttacct	gaagaaggaa	aaaccttgga	840
aacacctcat	ttttgtactt	aacaaatgtg	accttgtttc	aacctgggca	acaaaacggt	900
gggttctgt	cctctcccag	gattatccaa	cacttgcttt	ccatgcaagc	cttactaacc	960
cgtttggcaa	gggagcattc	attcagcttc	tgcggcagtt	tggaaagttg	cacactgaca	1020
agaaacagat	cagtgttggg	ttcattggct	atccaaatgt	tggcaagagc	tctgtgataa	1080
atacattgcg	ttctaagaaa	gtttgcaacg	tggctcccat	tgcaggtgaa	acaaaggtct	1140
ggcagtatat	tactttgatg	cgtcggatat	tcctgattga	ctgtccaggt	gtggtttacc	1200
cctctgagga	ctccgagaca	gacattgtgc	taaaaggagt	tgttcaagta	gaaaaatta	1260
agagtcctga	agaccacatt	ggtgctgtac	ttgaacgagc	aaagccagaa	tatatcagca	1320
aaacatacaa	gattgattct	tgggagaatg	ctgaggactt	tcttggaag	ctcgctttcc	1380
ggactgggaa	gttactaaa	ggtggagagc	ccgacttgc	gactgtgggt	aagatgggtcc	1440
tcaatgactg	gcagaggggc	cggattcctt	tctttgtcaa	gccacccaat	gcagagccac	1500
ttgtggcccc	ccagcttcta	ccctcctcat	ctttggaagt	tgtcccagaa	gcagcccaga	1560
acaatccagg	ggaggaagtc	acagaaaactg	caggtgaagg	gtcagaatcc	atcattaagg	1620
aagaaaacaga	agagaacagt	cactgtgatg	ctaacacaga	gatgcagcag	attctcacac	1680
gagttcggca	gaacttttgt	aaaatcaacg	tgggtgcctca	gttttctggg	gatgacctgg	1740
ttcctgtgga	ggtgtcagat	cttgaggaag	agcttgagag	cttttctgat	gaagaggagg	1800
aggaacagga	gcaacaaaga	gatgatgcgg	aagagtcttc	ctcggagcct	gaggaggaaa	1860
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agaagtttct	agacaaagcc	aaagccaaaa	agttttcagc	agtcagaata	tccaagggac	1980
tgagtgaaaa	gatattttgca	aaacctgaag	aacaaagaaa	aacctggaa	gaagatgtag	2040
atgacagagc	accttccaaa	aagggaagaa	atcggaaggc	acaaagggaa	gaggaacagg	2100
aacattcaaa	taaagctccc	agggcgctta	catcaaaaaga	acggaggcga	gcagtacgac	2160
agcaacggcc	gaaaaaagtt	ggtgtgcgct	actatgaaac	acacaacgtg	aaaaatagga	2220
acaggaacaa	aaagaagacc	aatgactcag	agggacagaa	acacaaacgc	aaaaaattca	2280
gacaaaagca	gtaatgttta	aaagggtttt	attaaattat	acaaaaacag	gcagttaaaa	2340
aaaaaa						2346

```
<210> 8602
<211> 2338
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (248)...(1911)
<223> similar to gi5912169 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8602						
cctgcacgaa	ttcggcacga	gcggtggcgg	gattctgccg	cgtgcgcttt	cccgcgccgc		60
ctgcgctagc	ctcgtcctgc	gctcgccacg	cctcgggctg	tccgttgggc	cacgcagacc		120
gcgctgcgct	cgctccgtcg	cggctccgcg	tgcgccacct	tctggctagt	tttttctaga		180
gccagggctc	cgcccgtttc	ccgcttccag	ggcccgggtc	gttcccgccc	gcacccgtec		240
ctctcctctg	cacccctgct	gcttctgctt	tgaaggcgga	ggctccatgt	tgtcccctca		300
gcgagtggca	gcagctgcct	caagaggagc	agatgatgcc	atggagagca	gcaagcctgg		360
tccagtgcag	gttgtttttg	ttcagaaaag	tcaacattcc	tttgagctag	atgagaaaagc		420

```

cttggccagc atcctcttgc aggaccacat ccgagatcct gatgtggtgg tggtttcagt 480
ggctgggtgcc ttccgaaagg gcaagtcctt cattctggat tttatgctac gatacttata 540
ttctcagaag gaaagtggcc attcaaattg gttgggtgac ccagaagaac cgttaacagg 600
attttcctgg agagggggat ctgatccaga aaccactggg attcaaattc ggagtgaagt 660
tttactgtg gagaagccag gtgggaagaa ggttgacgtt gttctgatgg ataccagg 720
ggcatttgac agccagtcaa ctgtgaaaga ctgtgctacc atctttgctc taagcactat 780
gactagttct gttcagattt ataatttatc tcagaacatt caagaagatg atcttcaaca 840
gctgcagctc ttcacagaat acggctcgtc ggcaatggat gaaattttcc aaaagccttt 900
ccagacactg atgtttttgg ttagagattg gagtttccct tatgaatata gctatggact 960
ccaaggagga atggcatttt tggataagcg tttacagggt aaggaacatc aacatgaaga 1020
aattcagaat gttcgaaatc acattcactc atgtttctcc gatgtcacct gctttctctt 1080
accacatcca ggactccagg tggccacaag ccctgacttt gatgggaaat taaaagatat 1140
tgctggtgaa ttcaaagagc agttacaggc actgataccg tatgtattaa acccatctaa 1200
gttaatggaa aaggagatca atggctcaaa ggtcacctgt cggggactac tggagtattt 1260
taaggcatat attaaaattt atcaaggaga agatctgcct caccccaagt ccatgcttca 1320
ggccactgct gaagcctaca acttagcagc tgcagcctct gccaaaggaca tttattataa 1380
caacatggaa gaggtttgtg ggggagagaa accttatttg tctccagaca ttctagagga 1440
gaagcactgt gaattcaaac aacttgctct ggaccatttt aagaagacca agaagatggg 1500
tggaaggat tttagctttc gttaccagca ggagctggag gaggaatca aggaattata 1560
tgagaacttc tgcaagcaca atggtagcaa gaacgtcttc agcaccttcc gaacccctgc 1620
agtgcgttgc acgggcattg tagctttgta catagcctca ggcctcactg gcttcatagg 1680
tcttgagggt gtagcccagt tgttcaactg tatggttgga ctactgttaa tagcactcct 1740
cacctggggc tacatcaggt attctggtca atatcgtag ctgggcggag ctattgattt 1800
tggtgccgca tatgtgttgg agcaggcttc ttctcatatc ggtaattcca ctcaggccac 1860
tgtgagggat gcagttgttg gaagaccatc catggataaa aaagctcaat agcatcttaa 1920
cgtgaagatc aaacaagaac acaacaagcc cctactgatt tctgggtttc tgccacggcc 1980
acaggttcat atccagagga atggcagatc tgagacgac caggaagagc taaaacatgg 2040
ccctgtaata aatgagcaga cctctcctgt ggtttcaaat tattaaacac acttccattt 2100
ctcttggaag catttctttt ccttgctgtt ataaatgcaa gcctgtgtct attttcatat 2160
tactctgctt tgtgcacttt atggaggagg aagctagagg aaaaatggaa atgcggtctt 2220
taagttcttt atgtgccact tagtgccttt taagaaagat tccatgggtt tgcacacacg 2280
atggggaggg gatggaggat aacctcatga aaggtgccgt tttcgggtga aacttgac 2338

```

<210> 8603
 <211> 2274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2060)...(419)
 <223> similar to gi2315202 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8603
tttttttttt ttacgattag gttttggcct ttagtctgaa aaagtgttga ttgaaagtgt 60
acaacagaga gcgggtgcaa gcggccgagg gccatggagc cgccaataaa aaagaatgtc 120
cttaaataaa gttcacagag taaaaaccag aaccgccagt ccttccctcc aacacaacag 180
agcacaggca cagaaccggt gatgagcccg aggagcagag gcggctggga aggacagcag 240
aggctccogg ctgcagtgtg gagggagagc cctctttgga atgggcggag tgaagccacc 300

```

05400335.01.01.00

```

cagctcccc tgcacacctc atacccactg ctaaggctaa aggaaaaaga caaaactcag 360
tctcaggtcc ggagggtcca gaaaacagtc taggtgggca ggggtctgga tgactgctag 420
tctcgcttgg ccttcttctt cttgtcgctg ttgccatttt cttcagcccc cttagtagag 480
agcacctcct ctagttttctg cttgccactc tctggctgga gctctgctgt gtttcggggc 540
ttgaagcaaa tgatgatgca ggtcatgttg tcacacccctg taccatcccc agaagtgtct 600
ggtgccaggc actgatccag cagctcttcc acaatggatg acaataaccg aagctcccca 660
ttttcatcac gctggctgat ctttgattga atgaaatcta caacttcctg gctgctcatc 720
acattccaga tgccatcaca ggcaatgacc atgaattcat ggtcgtcagt gagagtcagc 780
accttgatgt caggaagggc tgaaatcatc tgttcctcag gtggcagggt cttgtttctc 840
ttatagaagt ggtccccaat ggctctggag aggttgaggc ccccggtgac tcgcccattc 900
atggtgacct tgccaccagc attcttgatg cgtgctagtt ctacttcac cctgggttg 960
tgatcatagg acatgtctaa agctttgcca gcctcagata ccacacagcg agagtctcct 1020
gcggttgcta caatcaactg cttccctcgt atcaggggcca ccaccgctgt tgtaccactg 1080
tcagagccag gtcctctttt gccttccatc cctggcacca tcatctcttc ttcttcttct 1140
tcatcgctct cttcagcctc ctcggtgtca tcctcatctt cctcattctc tgctcctca 1200
ctgctgtagc catcctcttc ctcgctgcat tcctcactgt cttcctcttc ttctccgcc 1260
tcatctgact catcctcact gtctcctcaa aacttggaact tagcaactcg aggagcttg 1320
tcagaggctg aagagcagga aggccagcc tcaccagtgg gaatgccagg ctcaccaact 1380
tgacctgcct cagtcaccag ttccgagttg gagggaaagc ctgtgtaggc cttggctgtg 1440
gggccatttt cttgtgaagg agtttcccta gttgagtcct caggctctgc ctccccattg 1500
aggccctggg accctgggtc ctgcctgtc ccacctccag atttgctgtg gggaggggcc 1560
ttgtgacagt tctgcccgtg gcgtgtcagc agctcttcaa tagtcatggt agcctcttca 1620
tgacagcagt cagcctcttc attgtccaca tcatcttcat cagctacttt ttctttttca 1680
tcttcatcct cagtgggtcg cctgcaatc tgtgccagct ctttaatgac ttcttcagt 1740
gtcaatttgg cgtcaatagc caagaaggca tcttctaaag ccttctgtag cttgccttcc 1800
ttgtaggcct tctgatcttt gatgatatca ggaagatatt tggcacagta caaggcaact 1860
tcctcccctc catgtccatc gtagacagaa aacatggctg tctcactgtc cagctcagga 1920
atacagttgt gagcatcctc catggagacg cgccagcctt gcatggcgga gaagccgtag 1980
ggcagcgga ggcggggggc gccgaccccg tccccggagc acttcaccgt gttgggctgg 2040
gagaggtagg caccatggc ggcggctggc cggcgccctc aggtgcagga aagctgggcg 2100
cgaccctgtc tcgtgccgaa gccccggggg tgcgcgcggc aggagcagga cccgcggcgc 2160
gaccgacgca aggtgccgtt gaaaggcgcg aggcgggcca ggaggcgga acgggacggg 2220
agctgtgagg gagcggaagc gcgggggggg aagaataatt taattaagga tcct 2274

```

<210> 8604
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(706)
 <223> similar to gi5924011 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8604
cgcacgagct tatctccttc gcagtgcagc tccttcaacc tcgccatggc ctctgccgga 60
atgcagatcc tgggagtcgt cctgacactg ctgggctggg tgaatggcct ggtctcctgt 120
gccctgcccc tgtggaagg gaccgctttc atcggaaca gcatcgtggt ggcccagggtg 180
gtgtgggagg gcctgtggat gtctgtcgtg gtgcagagca ccggccagat gcagtgaag 240

```

```

gtgtacgact cactgctggc gctgccacag gacctgcagg ctgcacgtgc cctctgtgtc 300
atcgccctcc ttgtggccct gtteggcttg ctggctacc ttgctggggc caagtgtacc 360
acctgtgtgg aggagaagga ttccaaggcc cgcctgggtg tcacctctgg gattgtcttt 420
gtcatctcag gggtcctgac gctaatcccc gtgtgctgga cggcgcagtc cgtcatccgg 480
gacttctata accccctggg ggctgaggcc caaaagcggg agctgggggc ctccctctac 540
ttgggctggg cggcctcagg ccttttggtg ctgggtgggg gggtgctgtg ctgcacttgc 600
ccctcggggg ggtcccaggg ccccagccat tacatggccc gctactcaac atctgcccct 660
gccatctctc gggggccctc tgagtaccct accaagaatt acgtc 705

```

<210> 8605
 <211> 2708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (166)...(1401)
 <223> similar to gi5825524 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8605
gcggccgcgc tctgactcgc tgtgcgcccc gcttccgtcg ggccggcgga ggccggcgac 60
cgagagccgg agaccggcgc cgcgggacgg aagcgagcgg gcgcgggcgc cgcgcagatg 120
gcctggggga gccaggtctg aggccccgct ccccgaaacg tgaccatgtg gattcaacag 180
cttttaggac tcagctccat gtccatccgc tggccggggc gcccctcggg aagccatgcc 240
tggatactga tagccatggt tcagctcgcc gtggacctgc ccgcctgtga ggccctgggg 300
ccggggccgg agttctggct cctgcgcggg tcgcccggcc ggccggcccg gctgtggagt 360
tttaggagtg gacagccagc gcgggtcccg gccccgggtg ggagcccccg gccgccccga 420
gtggagcgga tccaaggcca gatgcagatg cctcgagcca gacgggcccc caggccccgg 480
gaccaggcgg ccgcctcgtg gcccaaggca ggaactggcca agccccagc tgctgccaaa 540
tccagccctt ccctcgctc ttcgtcctcg tctcgtcct ccgcggtggc cgggtggggc 600
ccggagcagc aggcctcctg gaggaggggc aagaggcacc tgcaggggga cgggtctcagc 660
agcttcgact ccagaggcag ccggcccacc acagagactg agttcatcgc ctggggggccc 720
acgggggacg aggaggccct ggagtcacac acatttccgg gcgtttacgg ccccaccacg 780
gtctccatcc taaaaacac gaagacaact gtggccgcca ccaccaccac caccaccacg 840
gccacccccca tgacgtgca gactaagggg ttcaccgagt ccttggtacc ccggagaagg 900
atcccagggtg gggttagcac aacggagcct tccaccagtc ccagcaacaa cagggaagtc 960
accagcccc caaggattct gggggaggcc tcaggtctgg ctgtccatca gatcatcacc 1020
atcaccgtct ccctcatcat ggtcatagct gctctcatca caactcttgt cttaaaaaat 1080
tgctgtgccc aaagcgggaa cactcgtcgg aacagccacc agcggagac caaccagcag 1140
gaggagagct gccagaacct cacggacttc cctcggcccc gggtgcccag cagcctggac 1200
atattcacgg cctataacga gaccctgcag tgtttctcag agtgcgtcag ggcatctgtg 1260
cccggtgtaca ccgatgagac gctgcactcg acgacggggg agtacaatac cacatttaat 1320
ggaaaccgac cctcctcttc tgatcggcat cttattcctg tggccttcgt gtctgagaaa 1380
tggtttgaaa tctcctgctg actggccgaa gtctttttta cctcctgggg gcagggcaga 1440
cgccgtgtgt ctgtttcacg gattccgttg gtgaacctgt aaaaacaaaa caaacaaaa 1500
aaaacaaaa agacaaaacc taaaactcag ctatctaagg gggagggtcc ccgcacctac 1560
cacttctgtt tgccggtggg aaactcacag agcaggacgc tctaggccaa atctattttt 1620
gtaaaaatgc tcatgcctat ggggtgactgc cttctcccag agttttcttt ggagaacaga 1680
aagaagaaa gaaagaaaag aaccagaggc agagagacga ggatacccag cgaaagggac 1740

```


<210> 8607
 <211> 2404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2352)...(1247)
 <223> similar to gil869810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00400725.012100

```

<400> 8607
tttttttttt ttgtagaaag agacatttaa tacttctgtt tacaaaattc aggcgtacat 60
ttcagtttgc cctggaccgt gccc aaagct gtgtgctcat ctctgcgcc ctcagtact 120
tctgacgagg ggggtgcagg gcagggcaga gcagagcctg gggtcggag gcttcactgg 180
accacagggg gaggggaatg tgaatgtggc ctggcccaga gaactcccca tttcatcgat 240
tttgcatagg gcgatatagg aagcagatgt cggggctgcc tgccttggtc tagaggagat 300
ggctggggcc acttcccaca ggggtgaagt gcagcggctc agcaagggga gcctggccac 360
caggggctgg gacatgcgct cactggaacc tttgtgcttg gccctcggca gcgcggtgt 420
ggccccgtgt gaggtgtgct ggggtgggtg tgggtggctg gtgggtggcag cttgtgccag 480
agtgaacacag gcctccctgg gttgggatgg gggcagttaa aaagctgaaa aggtacttgg 540
ctttctgagg gcggggcttg ggaggcaggg ccctgcagga gacctgttc tctgtcctca 600
ggcagatccc agctggcctc tgtccccggg ctgcaagctg acagcaggcc cgggaggcgg 660
tgaggccctc tgccctggcc ttgaggagaa ggagtgcgtg tgtgaggcgg ggggtcattg 720
gccctggagt agggccaggg cccatcacca gcaccaggct gggagggatt taaaaccagg 780
gtcctatctc tgagccaccc catggggacc ctcatccca tcctgttaag gctgcgggac 840
tcgagggtag gcagtgggccc gggccccctg cgggtcagga cggaggtggg ggctgcccc 900
gaggaacatt agtgtttcta agagcacctt agtggtgccc cgctcggcc agctgggcca 960
gaagtgggg agcgggggat gtaagtggcg cccatggagt ggggaaggga gccgtcaccg 1020
ttgggagtca gcgctagtgt aaacaggcat cccacccac ccagataagc cccccaccc 1080
aagtgtgggg tcctgctcag ggagtacctc aagggccggg gccaggtgg cgccggcagg 1140
ctcagacacc gccctggcag caggggctcc gtggaatgca ggagaccag caggggggtg 1200
cggccagtgt ggacggaggg gcggggcggg gacacgggtg agtactgcg gcaggggcac 1260
aagcacctcc acgtagctga gcgggaagaa gcccgactgg ccgtccagca tgccctcgta 1320
ccagttctca tcgatctggt tggtcagcgt gatgacgtcg cgccttgca cctcatgga agcccagctc 1380
cccgtcgctc tcgggctcga agtcgtacag cgccttgca cctcatgga agcccagctc 1440
catgctccgg ctaggggtcc ggatgggctt gtcggaagat cggaaagacg atgaagctgc 1500
gatcttgggg gctgtgggtg aggggaagcc cccgttgga tgctcaggct ctccaaggct 1560
aaagggtccc cggggcttcg gcttatactc ccgcttaggg cgtgaggaag cttcccgcag 1620
cctgcgcttg agcttctccg ccagctcgtc caggatctgc acggcctgcc ggtggtagtc 1680
cagctgtgca tccaccaggg ccgagagctg actcacctgc tcgatgtcag tctccaggag 1740
gttgtgcatg ctggtttctg ccacctcctt ggactcctcg aacttctcca gcgctggcg 1800
tagctcctca tcggggatct tgccctgccg cttcttcttg tagtcaaagt ccaggcgggc 1860
gccctccagt ttcttcagggt ggtgctggat ctccttcagg tctttctcgc acaggttctg 1920
gaggggttca atgaagtctt gcttgacctc gatgtccagg gactccttca cctctgccag 1980
gcgcttcatg gactcgccgg catccagcaa tgcgtcacca aagttggact cgccgcccag 2040
ctccttcccg tggcggatca tgcaactgcc cagaagcccc tccgactgcg ggtagccggg 2100
gttcttcacc tggccccgga tcttgacac cgtgttgagc atggtcagct tagcccgcga 2160
ggctggggtg ggctgcagggt actcgatggg cctggccagc acttctgtca ccgcttgcg 2220
ggtgacatcc accttcttct ccatctcttt gaagtcac tccagcttgg tcccctcggc 2280
ccctccgacc ttctcactga ccagctggct cgcttcttag aactgcttct tcagccccgc 2340
caccgacatg ctgccgcccg ccgacagagc tcccggcccg accgcgccag cgacaggcac 2400
gaaa

```

<210> 8608
 <211> 694
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (509)...(0)
 <223> similar to gi4062247 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8608
 tgaggtcagc gcgtagagtt cgaaatcact aacggtgccaggcccttct gctgcaaacg 60
 taatcgctct gtaagatacg tcagcaagaa ttcaaaaccc gcttaatcag cgggtttttt 120
 ttggtcttta gtgtgcgngt gaggccgaaa acagccagaa tgccagtgcg gtcattggcaa 180
 aagacccag aaggttgacg aaaacgttca gtaatgccca gccaaagcgg ccctcttgta 240
 acaaaaacac cacttctgcc gaaaatgttg agaaggttgt tagaccgccca caaaatccgg 300
 tgggtgattaa tactttccac actggatcaa tgttcgtcat cctgctgaac catgcgaatc 360
 ctattcctat gatgaatgcc ccaatcaggt ttgctgtcag cgtccccaac ggaatcgctt 420
 gatgcagtgg gttaaatcgc atacttagca gccatctcgc cacgcttgcg gtccccccgc 480
 caataaaac tgctaaaaga agttgtaacg ctgcaaaatc ctgctatttg atttgatga 540
 gtgataagt taacgccgaa taatcgctgt tggcgaattt tgcgcctctg acaggaggtg 600
 gcaatgctgg ttgccgcagg acagtttgct gttacatctg tgtgggaaaa gaacgctgag 660
 atttgctcct cgttgatggc gcaggcggct gtaa 694

<210> 8609
 <211> 668
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (330)...(16)
 <223> similar to gi42543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8609


```

tctgcaggaa ttctttaacc tttgaccttc ggcattgcga tgtctttcag gccaccggcg      60
ttctcaacgt ggggtatatcc catctcgcta aggatctctt ttgcttgccc tgactggcgt      120
ccggcattgc aatacacttt cacgggtgctg tttttatccg gaacggcggt ggcaatgcgc      180
tctttcactt ccttcagggg aatattgatg gccccctgaa cgtgctcttg ctgatactgc      240
tctggaacac gaacatcgat ccagtgttca gcggcgaaaa cgggcagtga aaacaccagt      300
gccagagcaa gtaagccttt tttaaacaatg taagcgtcct tctatggatg aaaattgcc      360
tccattatac gcctgagatt taacaatttt tgcgaaactc ccctcacctt ttataacgct      420
gtgccagttt attagcagcc cgacttaaca gcggttccag cgccacagcc agcaacattt      480
tcagcggctg gcgagcaact gattttatcg cccagcccgc cacaccgccg gggccatagc      540
gcagtgcggt aagaagtacc agcttgcctg ctaatttgaa accaggcttt accttttgcc      600
cggcctgttg ccagcgagta tccataactt tcttcacagt tgacggaaac ggctacgaaa      660
cgggaaag

```

```

<210> 8610
<211> 1988
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1989)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1779)...(862)
<223> similar to gi598231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8610
tttttttttt ttagatttgc attcccgatc ttgggtttat tcaacacaat tcttccactc      60
tacacaacaa agtacaaaca caatgtcatc taaaatgcta caaaggata aaactcaaaa      120
gagaaatttt atagtactga ctgtacaatg aaagcaaaaa agaaaaaaaa taaaagcaat      180
gtacatgttg ccaagataac ctgaaagacc accatgaacg gcaggcacia ccatggctgc      240
gtgatgacct cgcagagctg gctctcaact cactcgccaa tttcagagta cagtgggtgg      300
gtgcggtgtg tgcacggtg cacggacaga cagaaccacg agcagcaact accatgggtg      360
agaggatctt tgaggggggtg tgacccttga ggtcagaaga ggcctcgaga ggccaggcct      420
aacagggttg gcagctgcac taaagcctgg ggcagctccc tttccaaaag gacactgccc      480
agcaacagca agggcacggc ctggccacca tcccaggtca tgggggaagg gaaaagtgtg      540
agcaacagca agggcacggc ctggccacca tcccaggtca tgggggaagg gaaaagtgtg      600
ctcccaggta agcagggtca aaccaccccc aagagcctca cttttccctg gtggctctgc      660
cactgaactg actcttagaa accggaaaac gatgagcttt ctaggcagaa aaccggaggg      720
aatcttgaca ggcacacagc atccaaacca acagcacttc tgcagccggg gcccgctgg      780
cagaggggtg ctgcctgctg cctgcaaatc ctgccagagt caagggtttg ctttctact      840
ggtcttctt tggctagaaa agtgacaaaa ctgagctggg tggggtataa gttacagggg      900
cgagagcttc agtggcctgt ttatcgggag gagttggagc tggagcggt cctgtggcgg      960
cggcgcccg gggaccgtga tctccggcgc acgggggacc tgcgcctcg ggagcgggac      1020
cttctctca tccgtggggg agacctgcgc cacataggcg gtggtggcaa cattctctg      1080
ggagggctga atctcctggg ggggtggccta ggccaggggg ccagcacggc ggtggcagtg      1140
atctcctggc catcaatttg tcttccatcc atgtgcttca gcgccttctc ggtttcatct      1200
ggattctcaa actctacgta cgcatagcct ttggacagat ggggatgcat cctttccacg

```

```

ggcatgtcaa tcattttaat tttcccatag gtggaaaata tctccatgat gtgatacctt 1260
gtcacattcc gggtagtct cccaatgtgc actttggtag gcttaggaga tgggctccgc 1320
cttttcctct ccttttcac tcttttaggt ggtaggagg ggcctcctg 1380
ttgtcgtgtc tgcgccgaga aggacttgga gagccagaag agctgctaga gctggagctg 1440
cgggaggtgc tggagcttcc tgagcggtg gatgctgagg aagagctgga gccactgctt 1500
gagccagtgc tggtagctga gcctgagctg gaagtcgagc tggaccgaga cctggtagctg 1560
ctgctaccac tgggaagcgt gcgcctcttt cgggttttgt cccggccgcg atccttctca 1620
ctcgactcct tggtagctcc tttatctttt gagcgatcct tggacttctc atctgagcgg 1680
tctttgcgtt tggtaggtga aggagcccta gtgctggact ttttattatt ttctttgact 1740
cctagcaagc tcttcttttt cactcctgat aaatccattc tccccttctg aggtgttcaa 1800
agcagcaatg gcggcctcac ttatctgaac tctcacttct aacttgattc tgagaaacga 1860
tccctaattc attgcaattt acgccaaaga gcagcatctt cccgccgccg ccacctctc 1920
ctgctttcct cagccgccga ggccccctt ctgctgtctt ctgacaggat agtagtatag 1980
cnacgtat 1988

```

```

<210> 8611
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(557)
<223> similar to gi453964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8611
atccttaatt aaattaattc ctcccccccc ccccccgga ggctccaggg gcggggcgctg 60
gcgggggcgc aacgacgggc gcggaggtcc ggccgggcgc gcgcgcccc gccacacga 120
cgccgggcgt gccagtttat aaaggagag agcaagcagc gactcttgaa gctctgtttg 180
gtgctttgga tccatttcca tcggtcctta cagccgctcg tcagactcca gcagccaaga 240
tggtagaagc gatcgagagc aagactgctt ttcaggaagc cttggacgct gcaggtgata 300
aactgttagt agttgacttc tcagccacgt ggtgtgggccc ttgcaaaatg atcaagcctt 360
tctttcattc cctctctgaa aagtattcca acgtgatatt ccttgaagta gatgtggatg 420
actgtcagga tgttgcttca gagtgtgaag tcaaatgcat gccaacattc cagtttttta 480
agaagggaca aaagggtggg gaattttctg gagccaataa ggaaaagctt gaagccacca 540
ttaatgaatt agtctaatac tgttttctga aaatataacc agccattggc tatttaaaac 600
ttgtaatttt tttaatttac aaaaatataa aatatgaaga cataaaccca gttgccatct 660
gcgtgacaat aaaacattaa tgctaacact ttttaaaaaa aaaa 704

```

```

<210> 8612
<211> 1748
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (224)...(1195)
 <223> similar to gi475210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8612

cacagagctc	cctcccaggc	ccgcgaactt	ggccattcag	ccgccgctgt	ccccgctgcg	60
cgccctcgcg	cctctgcctg	agaagccagg	cgctgttccc	ccaccccaga	agaggatggc	120
aaaggtggct	aaggacctca	acccaggagt	taaaaagatg	tccctggggc	agctgcagtc	180
agcaagaggt	gtggcatgtt	tgggatgcaa	ggggacgtgt	tcgggcttcg	agccacattc	240
atggaggaaa	atatgcaagt	cttgcaaatg	cagccaagag	gaccttgcc	taacatctga	300
cctagaagac	gacgggaaaa	ttggccgctt	gctgatggac	tccaagtatt	ccaccctcac	360
tgctcgggtg	aaaggcgggg	acggcatccg	gatttacaag	aggaaccgga	tgatcatgac	420
caaccctatt	gctactggga	aagatcccac	ttttgacacc	atcacctacg	agtgggctcc	480
ccctggagtc	accagaaaac	tgggactgca	gtacatggag	ctcatcccca	aggagaagca	540
gccagtgaca	ggcacagagg	gtgcctttta	ccgccgccc	cagctcatgc	accagctccc	600
catctatgac	caggatccct	cgcgctgccg	tggacttttg	gagaatgagt	tgaaactgat	660
ggaagaattt	gtcaagcaat	ataagagcga	ggccctcggc	gtggggagaag	tgccctccc	720
ggggcagggt	ggcttgccca	aggaggagg	gaagcagcag	gaaaagccag	agggggcaga	780
gacctgct	gctaccacca	acggcagctc	cagtgacccg	tccaaagaag	tggaatacgt	840
ctgcgagctc	tgcaaggag	cggccccctc	tgacagcccc	gtggtctact	cggacagggc	900
aggctacaac	aagcagtggc	accccacctg	ctttgtgtgt	gccaagtgtc	ccgagccgct	960
ggtggacctc	atctactttc	ggaaggatgg	tgcaccctgg	tgcgcccgcc	attactgcga	1020
gagtctgcgg	ccccggtgct	ccggctgcga	tgagataata	ttcgctgagg	actaccagcg	1080
tgtggaagat	ctggcctggc	accgaaagca	ctttgtctgt	gagggttgtg	agcagctgct	1140
gagcggcccg	gcgtacatcg	tcaccaagg	tcagcttctg	tgcccaactt	gcagcaagtc	1200
caaacgctcc	tgaagggctg	cccaccaca	gccagaatcc	acaggatccc	accgagaagg	1260
agagccaggt	gtgccgagac	catectaagg	gtccgatgtg	acagcaagca	agtgaaataa	1320
acaatgattt	gcttttcagt	gagaatatat	atatgagata	tatatagata	tatattctag	1380
gttgggtggt	ggtagatcct	tgagggtcag	tagtttcaaa	acaaaaaata	ttctaagaag	1440
tcttaggatg	gagttccttt	tctttctgtt	gttgtttccc	agctacaacc	aactaaagac	1500
acaaatggcg	ttctgcaagg	ggactctggg	aggagttttc	cagaatgcaa	ttccgagtga	1560
gcaaatcgca	tagctgtaga	atgtgcgtgc	ttttttgtgg	acacaggagc	toctccagga	1620
gcaggctggg	atcccaacta	tcgcttggtg	cctctttttc	aagtggaatt	tgaattttta	1680
ataaacaact	ttttttggca	tgataaacag	atcaataaaa	gtttttgtgaa	ttccacataa	1740
aaaaaaaa						1748

<210> 8613
 <211> 1453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1443)...(554)
 <223> similar to gi4929651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8613
tttttttttt ttcatttttg ccaaactctga gttttatttt tgctggaatc aggtcatctg      60
gcctggctgt cccaccaacc cagctgggag cctctgagtg gcctgccagc agcatctcat      120
tacaaaacag ccccctggaa ccaggtagcc aaggaagcgg ccacactgaa aggcatttag      180
attgagaaga aaaactgcac ctctctgaca aaggtcaggg gtcacgggtga agggagggct      240
gctgggatca cagggacagc agcatcttct agcagcttgg ccataccagc cactgaggtc      300
ctaactgcag ccaagggggc gttctgcaca tgctcgctcac cctctgtgct ctgttcccca      360
cagagcaaac gcacatggca acgttggtcc gctcagccac tggttctgtg gtggaacggg      420
ggatgtctgc actgtgacat cagctgagta agtaacaacg actgaggatg ccgctgaccc      480
agggctgggg aaggggactc ccagctcaga caggcttggc tgtggtttgc tttgggagga      540
gagtgaacat cacagggaat ggctcatgtc agccccagga ggggtgggctg gcccctggtc      600
cccgggctcc ttctggccct gcaggcgata gagagcctca acctgctgcc gcttctcctt      660
ggcccgggtg atggccgtct ggaagagcct gcagtagagg tgcaacagcca gcggagagtc      720
gtcattgccg ggtacagggt aggtgatgag gcaggggttg cagttggtgt ccacgatgcc      780
cactgtgggg atgttcatct tggctgcgtc tctcacggcc acgtgtggct caaagatgtt      840
gttgagcgtg tgcaggaaga tgatgaggtc cggcaggcgg accgtggggc caaagaggag      900
gcgcgcgttg gtcagcatgc cgcccctgaa gtagcgagtg tggcgctact cgccacagtc      960
acgggcccag ttctcaatca ggtacgagaa ctgccgggtg cggcttataa acaagatgat     1020
gcccctggcg taggcatgtg gggcggtgaa gttcaaggcc agctggaggt gcgtggctgt     1080
ctgttccagg tcgatgatgt cgtggtccag gcggtcccca aagatgtacg gctccataaa     1140
cctgtgccga cagccagctt tgtgtcccag atggactcgg gcacgaaga ggcttctcac     1200
ggaaaacagt tccttgacat tgaagaagtc agagtgtctg aggggctcat tcaaaatctt     1260
gtcgttgaaa tcgggtgctgt cctccgactc gcggatcata agggccgtcg cgcttccaag     1320
cgtcctgcgg ctcgcccgag caggccgggg ggctgccttc ccgagaaaagc ccaaccagcg     1380
cgacggggcc cgggcacccg cgccgagtat tcggggcagc gcggccgagg atgtcgccat     1440
ggctgggacg cgg

```

```

<210> 8614
<211> 7135
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (80)...(1254)
<223> similar to gil665783 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8614
atcgtagact ctagtccctg tggaggaatt cgtgccgata cctagtgtcg actatgcgag      60
atctgattcc ggagctgcca tgattgaagt ggtagcagag ctacagccgg gtccctgtatt      120
tttggctggg gaggcgctgg agtgtgtagt gaccgtcacc aacccccctt cgcccacggc      180
cacttctgca tccagtgagg ccctggcctg ggccagtgcc caaatccact gccagttcca      240
tgccagttag agtcgagtag cactgcctcc tccctgactct agtcagccag atgtccagcc      300
cgacagccag actgtctttc tgccacaccg aggtgagagg ggccagtgtg tcctttctac      360
tccaccgaaa attctattct gtgacctgag gcttgatcct ggagagtcca aatcatactc      420
ctacagttaa gtgctgcccc tagagggacc accctccttt cggggtcagt cagtcaagta      480
cgtctacaaa ctgaccattg gctgccagcg tgtcaactcc cctatcactt tactcagagt      540
ccctctgagg gttcttgtgc tgactggcct tcaggatgtc cggtttcccc aggatgaggg      600

```

tgtagcccca	tccagtccat	tcttgaggga	ggatgaaggt	gggaagaaa	attcatggct	660
agctgagctg	gctggggaac	gcctaattgg	tgccacatcc	tgccgcagcc	tccatctata	720
caatatcagt	gatggccgag	ggaaagttag	gacgtttggc	atcttcaa	ctgtgtacag	780
acttggcgag	gacgtggtgg	ggaccttaaa	cttaggggaa	ggaaccgtag	cttgtttgca	840
gttttcagtc	agcttacaga	ccgaggagcg	tgtacagcct	gagtaccagc	ggcgacgtgg	900
ggcagggggg	gtcccctctg	tgtcacatgt	gactcacgcc	cggcaccagg	aatcctgcct	960
acatacaact	agaaccagct	tctcccctccc	aatcccctctc	agctccaccc	caggcttctg	1020
tacagccatt	gtgtccttga	agtggagatt	gcattttgaa	tttgtaacgt	cccagaaacc	1080
aggattggta	ctcctacccc	ctgtggaaca	gcccgaacct	accacctgga	caggacctga	1140
gcaagtacct	gtagacacct	tcagctggga	cctgcccata	aagggtgctgc	ctactagccc	1200
caccctggcc	tcatatgctg	ccccaggccc	cagcaccagc	accataacca	tctgaaactg	1260
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acccactttt	tccacctggg	gtccaatgtc	gtggacagtg	agagtgcggc	tttcagctat	1380
agcattaatt	tatttgttca	gaatacattg	gcagctgcta	gtgggtttccc	tggaagtggc	1440
agcagcagtg	agcagtcagc	agatggatga	tcagttgagt	ttagctggag	tggggagcag	1500
gagccccagg	aacaggggtg	ttggctgagc	cccattctgg	gtcaggccct	ccccctttgc	1560
agggcagccg	agggtcagat	ttttgcacca	aggagaactg	gcaggttcct	gcctcctgac	1620
gtacctcaca	cccagccggg	aagtcgattg	gatgctggga	cctggggaac	caaggatagg	1680
ggaaggagtc	agcacagtga	aaggctgcct	ttatccctgc	ccacatgttc	cctctctcac	1740
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ctaccatatg	tgggcctttt	tgttttataa	caggagtatt	ttctctccag	gtccacccca	1860
acctcccctg	atttatagcc	tgaagcctta	tctttcacac	tagtgttggt	cccttcagg	1920
ttggcccatc	ttgtattgct	cttctgttca	ttcttacatc	acagcaatct	agtcactccc	1980
tggtcatccc	tcagtcactc	atatcagagt	cattctctct	ggccatcttt	ggtcactcac	2040
gtgtcacagc	agcccacgcc	aacaggatgc	agacagggtg	aatggaaaca	gtccttgccg	2100
agccaagact	caccacgggt	aaaatatttc	ccctcatagt	gacagggggc	tagggaagaa	2160
cgggaaatgt	tagtaggtgt	aggagtgcct	atgagaggca	gaggctcttc	tggtctgggg	2220
tgagacagtg	aagtacgcac	tatccccgta	tttagtttgt	ctttcctgtt	tcacagctgg	2280
aggaagcctg	ggtattttga	cacgggatca	tctgtaaggc	cccatcctcc	ctgtgccctc	2340
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cagccctctc	agacccttct	tggcctctgc	tcagctactc	tggtcttgac	tccttgactt	2580
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cccctgctga	gtagagctgg	aaaagtgtga	actctgtttc	ctgaggtgag	ggcatgaaaa	2760
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ggcgagggcc	cccaggtggg	cccagatct	cttcccctgac	ctggagagaa	ggaagcattc	2940
caccttcccc	ctttctcccc	cactgccacc	accaggggtg	tgtatgctgg	gatccccgcc	3000
tggaacggag	ggaggcattt	cctggggatg	gttaatcctg	tgccccagcc	aaacccagga	3060
gctgcaatag	ggtgcgacgg	ccagaagctc	caggagagtg	agcaggcacc	tgagtgagg	3120
actgtgtttc	cctcagatcc	tagggcaggg	tttcccta	gtatccaaga	aatagggctg	3180
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ggtcagatta	cttcacctct	ctgagcctgt	ttcctcatct	ataaattggg	gatagtaatg	3600
ccaactcatt	gggctgttat	gaggattact	gagataatgc	gtgcagtgtc	cttatcacca	3660
tctctgggtg	gtaagcgtca	ggaaatagca	gttgctgtga	ttggggctaa	agctctgagg	3720
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ttctattggg	gatggctgtc	tcctgggcat	agacctctgc	acctttcaca	ctcatactcc	3840
ttgtcagcag	tcccacacct	ttttgggtacc	agggaccggg	tttgtggaaa	acaatttttc	3900
caccagtggg	tggaggggga	tagcagcggg	gagatgattt	tgggatgaaa	ctgtttcatc	3960
tcagatcatc	aggcattaga	ttctcataag	gagtggtgca	tctagatccc	ttgcatgcgg	4020

agttcacagt	ggggtttgca	ctcctgtgag	aatctaattgc	ctctgctgat	ctgccaggag	4080
gaggagctca	ggcggtaatg	ctcactcgcc	tgccgcccac	ctcctgcttt	gtgctcccgc	4140
ttcctaacag	gccacagact	ggtactggcc	tgtggcctgg	gggatggaga	cccctaattcc	4200
atgtcacctt	tcccacctct	ttcaaaaaca	ggtacctcca	ggaacatttt	ggttttgcc	4260
cttgatttga	cttctgaatg	tctagtttga	gaaactgttc	ccaaataagc	cttcttcccc	4320
cagatctgca	ccctcgccct	taccctagga	caagatgtcc	ttttctcatc	atcctgccag	4380
gctaacttta	agtctcctgc	tttttctcac	ttggatttgg	atccatttct	tcctatttcc	4440
gctcatgtga	actctccagt	tctcctttct	caccactctc	ctgctagcca	tctctttggc	4500
actaaaggcc	ctggtcaaat	tggatttctt	tcatttttcc	acacttcaaa	gacccatgtt	4560
ctaggtattc	tccataggga	tagtctcttt	ggcattttatt	tggtttttct	acgttttcag	4620
tcccattttac	tccaagactc	actccctgcc	acctagtgtc	tcagatacag	ctacttctgg	4680
ctgacttttc	aagggggacc	accctacctg	tcactctctc	actgttcaga	aatgactgtg	4740
tcagtgcacc	tcaaactccc	ttgctgtcct	tttccaagga	gacagctaag	gtggatggag	4800
atgcagaatg	gacctcacgt	tcgccctagt	caggactgat	accctttccg	tttcagagga	4860
ttgccaagaa	aaaactcaca	gttgaggcag	ggtgctctga	ggtcggctgc	ggtgtgggag	4920
gcacggcctg	ggcctgctct	ctgggctgga	gcagggtggat	tcgaaggcct	gtctagcacg	4980
agggcccaaa	ggtcttgtca	gtggccagta	gctctgccgc	ctttccaga	gaggggttcc	5040
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<210> 8615
 <211> 828
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (673)...(484)
 <223> similar to gi557242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 gaaacaacag aagaaggga cctggtggag atggtctgtg agaagttgct ccatgaactc 720
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 gggcagcgag ctgcatgtgg cccaggacag ctttgaatgc agcccaac 828

<210> 8616
 <211> 4219
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (297)...(2551)
 <223> similar to gi2281071 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 cttccggatc ctgcgcgag aaaagtttca tttgctgtat gccatcctcg agagctgtct 180
 aggttaacgt tcgcactctg tgtatataac ctgcagagtc ttggcaccta acgtgctgtg 240
 cgtagctgct cctttggttg aatccccagg cccttggttg ggcacaagggt ggcaggatgt 300
 ctcagtggta cgaacttcag cagcttgact caaaattcct ggagcagggt caccagcttt 360
 atgatgacag ttttcccatg gaaatcagac agtacctggc acagtgggta gaaaagcaag 420
 actgggagca cgctgccaat gatgtttcat ttgccacat ccgttttcat gacctcctgt 480

cacagctgga	tgatcaatat	agtcgctttt	ctttggagaa	taacttcttg	ctacagcata	540
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<210> 8617
<211> 8866
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (424)...(5912)
<223> similar to gi2224533 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gaaaaagagg	aagccattgg	tttgggtctag	gttccattct	ttcctggagc	aggccgggtg	6240
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tggagagaga	agggtccctg	agaggcaggg	tttggcagga	ggccccgggg	ccacatactt	8220
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tgggaaggtcc	gttcttgagc	tattgggtga	ggggatgcca	ggggcctgtt	aggtaaggtg	8640
tgggggcctg	gggctcacct	cacagctggg	cagctcaccc	acagcactgg	tacacaccat	8700

```

ccccggcaga atagggctgc catcaccccc aggagctgca tgcagccggc tgcaggccct 8760
aggccccagg agggtcacgg gactgtctg gagggagctg atgcctgtgg agcaaggga 8820
agctggctgc cccggcctgc aggttgatg gacagcagcc ctggcc 8866

```

```

<210> 8618
<211> 912
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (26)...(407)
<223> similar to gi4929709 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

00432350100

```

<400> 8618
tccagcgtgg cggaattcgt tgcaggaacc ttccctctac accatcaagg ctgttttcat 60
cctagataat gacgggcgcc ggctgctggc caagtattat gatgacacat tcccctccat 120
gaaggagcag atggttttcg agaaaaatgt cttcaacaag accagccgga ctgagagtga 180
gattgcattt tttgggggta tgaccatcgt ctacaagaac agcattgacc tcttcctata 240
cgtgggtggc tcatcctacg agaatgagct gatgctcatg tctgttctca cctgcctgtt 300
tgagtctctg aaccacatgt taaggaagaa cgtggagaag cgctgggtgc tggagaacat 360
ggacggagcc ttcttggtgc tggacgagat tgtggatggc gggtgaggag gggacagtca 420
gggacactca cagcaggagt gcctttgata atcatcagcc ccagatggca cccagcatgg 480
ctagaactct gaccaacttc tcactccctt cccccagcat attcccaggg atcccattcc 540
cctagccctt cctcttacta ggcgccact catgaagata gaagttgatt tcaatgttag 600
ccaaagtcaa gccaaacaag agactaacct gatgtcaaac tatgggagac tgttgaatag 660
gcagggtttg gggaaaatcc agtttggtct ccaatgccca ggggaagcac tggcacagat 720
gctggccctc tctggaagga cttcagacag tcccaccagc cccacatgtc ctgctcttag 780
ggctcaattc caacacaagc tagatgcgtg acctgggtca attactgacc ctccccgagg 840
cttactttct ccacttttag gatggaggta ataagggatt gtgggggatta aatacatgtg 900
tgagaagata aa 912

```

```

<210> 8619
<211> 1671
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (70)...(1225)
<223> similar to gi4106673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8619

cggaacgcgtg	gggtcaagat	ggcgggagca	gctaccacag	cttccctgga	gtcggcccca	60
cggatcatgc	ggctggtggc	cgaatgcagc	cgctccagg	cccgggcagg	cgagctgtgg	120
ctgccgcatg	ggacagtggc	cactcctgtg	ttcatgccag	tgggcacgca	ggccaccatg	180
aagggcatca	cgaccgaaca	gctggacgct	ctgggttgcc	gcattctgcct	gggcaatacc	240
taccatctgg	gtctaaggcc	gggacccgag	ctgatccaga	aagccaacgg	tctccacggc	300
ttcatgaatt	ggcctcataa	tctgctaacg	gacagcggcg	gtttccagat	ggtgtcgctg	360
gtgtctctgt	ccgaggtgac	ggaggagggc	gtccgcttcc	gctcccccta	cgacggcaat	420
gagaccctgc	tgagcccggg	gaaatccgtg	cagatccaga	atgcgctggg	ctcggacatc	480
atcatgcagc	tggacgacgt	ggtttagcag	actgtgactg	ggccacgtgt	ggaggaggcc	540
atgtacaggt	caatccgctg	gctggaccgg	tgcattgcag	cccatcagcg	gccggacaag	600
cagaacctct	tcgccattat	ccagggtggg	ctggacgcag	atctccgggc	cacctgcctt	660
gaagagatga	ccaagcgaga	cgtgcctggc	ttcgccatcg	ggggcctgag	cgggggtgag	720
agcaagtgcg	agttctggcg	gatggtggcg	ctgagcacct	ctcggctgcc	gaaggacaag	780
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tgtgacatgt	tcgactgcgt	cttccccaca	cggacagcgc	gctttggctc	tgccctggtg	900
cccactggga	acctgcagtt	gaggaagaag	gtgtttgaga	aggacttcgg	ccccatagac	960
ccggagtgcg	cctgccccac	gtgccaaaag	cacagccgcg	ccttccctgca	cgactgctg	1020
cacagtgcga	acacggccgc	gctgcaccac	ctcacggctc	acaacatcgc	ctaccagctg	1080
cagctcatga	gcgccgtccg	caccagcatc	gtggagaagc	gcttcccggg	cttcgtgcgg	1140
gacttcatgg	gcgccatgta	cggggatccc	accctctgtc	ccacctgggc	actgacgct	1200
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agggagggag	gggctggaag	atactgaagg	attccttttt	gaaaggtttt	ttttattgta	1320
acttacagag	tgtgtctgtg	tcttcttgag	gaagtggcct	gtctgggtcc	ccctcccagt	1380
ctgagcgtca	ttgcagtgga	atatctcccc	ttctcaccaa	tcataacacg	tcactgtggc	1440
agcagcggat	agctggaaac	cacctgccag	tggccagcat	gtagggcggtg	cccctagagc	1500
gggagctgcc	acctgcttcc	tggggcccag	gccccccgcg	caccttgag	ggaggtactg	1560
ttggcctctc	ctttttttaca	gctgaggaag	caggcccagg	gaaggaggag	aacttgccca	1620
aggatcatcac	catcaaagaa	atggtatctt	ggctttaagg	cataactcc	c	1671

<210> 8620

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1318)...(855)

<223> similar to gi2282042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8620

caagcccccg	gaagtaaaac	tgggtccttt	aaaacggccc	cccccttttt	tttttttttc	60
aattattaaa	tgtttggcac	tttattaaat	taattaaata	agctccaaaa	ttaattacat	120
acaaatcaaa	ggaataagaa	acaataaata	gtttatttcag	caaacacctc	tctgcagcag	180
ccggcagctc	tgaggccgag	gctggcgctc	tgtggcagag	ggcctgtgga	ttgccatgct	240
cgctcccagg	ggtggctcaa	cagggacaca	ggtctactcc	ttccacatcg	ggtttccgga	300
acaacaactg	aactctcatt	cattaccatc	ccattcatta	ccattttttt	ttacatacac	360
gaaacacacc	gcaatgtata	gactaataag	ccaagagctt	tattgatgca	gcaggcactt	420

tacaatgagc	ccaagagtgt	ccaccttctc	tgggaagaca	ggatgtctgt	acaaactctt	480
gggtttttt	ccacttcaaa	aacacaagct	ctcccgttta	ccacagccct	tggatctgca	540
cctgccc aaa	ccatccctcc	cccagtgcac	acaggtgcat	ctgaccaaca	ccagccgcca	600
cgctggtaga	ccgtcaaaa	gtcagttctg	cagtactcgg	agacaaaggc	atagactatc	660
agatcctaaa	caggatttag	gaaacagacg	atcttccct	ccaccttgaa	aataaaatac	720
atttcagcag	atacatgtcc	tgaatatagtt	tacttgggag	ttcctaggaa	gatggtccat	780
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cctactgcta	aggccttttc	gtgccactgg	agtaacactg	cgctgctatt	ttctgtgggc	960
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aattcgtcga	tgtccaccgc	gcggaagcgc	gaggacagcg	tgttccgggc	catggcgcca	1320
gctcggcgcc	cgctcagccg	gctccgctcg	cggcccgacc	tcggctctgc	tccgctcgca	1380
ccggtcctcg	ctcgggggcg	ggaagcggct	gcccggctgc	gaattcttcc	agtggcacga	1440
ggcc						1444

<210> 8621
 <211> 1406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (216)...(944)
 <223> similar to gi4689132 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters-

<400> 8621						
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gggcagtcct	tgtgggggtcc	tcgtggccag	ccaagatggt	tgcccccgca	gtgaagggtg	240
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agaagactca	gctcatcaaa	gctgctccag	cagggaac	aagttctgtg	tttgaagacc	480
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tgaaaaactg	tgagcctatg	attgggctgg	taccatcct	caagggaggc	cgtttctacc	720
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tgctggaggc	tttcataaac	cagggccccg	tgatcaagag	gaagcatgac	ttgcacaaga	900
tggcagaggc	caaccgtgcc	ctggcccact	accgctggtg	gtagagtctc	caggaggagc	960
ccagggccct	ctgccgcaag	aaacagtgtg	agctactgcc	acgctgaaaa	ctacctgtgg	1020
gttaaggatg	tagttccttt	gtaagggtgg	gcaggcctcg	taagaaagat	gtagcagcat	1080
attcactatc	cgttaatcct	tctttctttg	aggctggaac	ttgctctctc	tgccccctatt	1140

tgctgcaagt	ggaggcaggt	ccagcagccc	ctcttcagag	cccctgtaaa	tgctatcgca	1980
gcctgagtc	tgccgccttc	cagttccttg	gtgtcccgtg	caccccttct	gtctgtcccc	2040
tttcatggct	gtgcagccgt	cccgtggag	tggccatgtc	ccttgatgc	tgagtgcac	2100
cccgtgggtg	actaagctcg	cagcaagcgg	ctaccccccg	atctgcaaaa	gggcctctcc	2160
ctttgtgttc	tatacattgt	gaatcttccc	gtctgaagaa	cgcccagcct	gccagacaa	2220
agccccgcct	tccccaaagc	agaggggctg	tctgtgtctc	cagaaagggg	acatcggggg	2280
ggaggggggc	tcagaaagga	gaagggctgt	gatctccggt	cccttcccc	atcatccttc	2340
cttagactga	tgctttgact	gaatcatcac	tagctatggc	attaaaaggc	ctctcttctc	2400
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tagagattgt	ctgagtgact	ccaagctact	cactgtattg	gacgggagta	gtaatttatt	2700
ttaaagataa	agtactaag	tggggaaatt	tataaagcta	aatattatat	atcttatttt	2760
tcatacatgt	ttgaagtgc	aatctgtgga	tattccattt	gtaggaccaa	gtcgacatgc	2820
ccatcctgac	attgtatgct	acgagaactc	ttctgatgat	ggaatttcga	ttaaagtgc	2880
ctgaaagatg	aaaaaaaaa					2900

<210> 8623
 <211> 2263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2264)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2107)...(1143)
 <223> similar to gi3882279 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8623						60
tgcacaaccc	ctttcctctt	caactaagcc	aaaccataa	aacggggg	taggtatgtc	120
gggacaccaa	aaagcagcag	cagcagccag	agggagtta	aactgcatct	caaaacaaag	180
gcggcagagg	gcagcattta	cagcaagact	ttcttactca	aactgtttca	agacaagagg	240
gagcagcaca	cttaaatatc	cacacatttc	ttcatttaaa	aacatcactt	ctttatttca	300
aaggaaaaat	aaaagaccct	cccaaccctg	tccaaaaaaa	acccaataat	aataataaca	360
ataataaaaa	atcctattag	aaaccataag	gaagcactga	gagtttgagt	attacattct	420
tcaagtatgc	tgttcggatt	ttttattttt	agggttgtaa	ctatacacat	ataaaaaaac	480
cttaaaagtg	cggccaaggg	atcttgctta	aaattaagta	tttagagggc	tacttaaaaa	540
tactgtagta	ggactgtgca	gtgatccctt	gggggatgat	gctttcactt	ttgtatcctc	600
gtcaagggtta	aggggcaggt	tcaaaagtga	tgcttctcca	cggacaacga	aaatccaccc	660
acttgggtga	gaaagccaga	gagatccatg	tggttctcca	cagtaaagtt	agtctgggat	720
cgaatccaaa	aattcagaca	tggaatgtgg	taggatttca	tgtaagggg	tgccctcatc	780
agggagaggt	gatgagccca	gacaaggcag	ggtgttaggt	ttaactgggt	tttagattgc	840
aggttttcgc	atctttttag	tgggttttag	tgcatcctt	caagccacaa	tttagattgc	900
ccttcggtgt	gctccagatt	gttggttcat	attaaaggac	tgttttaaga	tttgcacccc	


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aaggaaaatc atgctacata aaaatgatcc aagatttttcg cccaaaaaac ttcttgata 960
aaatctaaaa aatactattg caattgcgtc tcttgaagaa aaaaacatta ttctaaatgt 1020
aaacagattc actcaactct ttttttggtg tagaaaactt cagagtaggt aagttgctgt 1080
ctaactctct gctgcatgca ctgcgcagag ggtagggaac aatgccttct gtgccagcat 1140
catctagggg atgaaaagaa ccgttccaca tagctgaaga gggcgtccca gtgcttccag 1200
agaaaaggcaa taaaaaccac aaggaataaa gtgctgaacg tcctgttgcg agtcttcatg 1260
agggggacca cacagttggc tacagtggag acaaagacca aaaggactgc catgacagcc 1320
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gcctccaggg cctcctggat gtcccgggcc cgttcatagg actgatacgc aattttttct 1500
tccatgcttg ccagttcctg cttcaagttc aagatttcat tctgggtggag ctctgttagg 1560
tcatttagct gttcttccaa tcgttcacat ctatatcgct cctcctgtaa ggtctgcatt 1620
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gcctgggttt cccgatctc ctggatctca tgtagtagtg catcaaattc tgagctctgc 1740
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gaggcaatct ctctgggctt tgagactaca ggcgctgctg ctgaatgggt ggcctgggag 2040
gctcgtagat ccttcaggtt tgagactaca ggcgctgctg ctgaatgggt ggcctgggag 2100
aagctggaat acccaccttt gacactatcc acccacctt cactgaagcc agtcaccttt 2160
gctcgtagat ccgtcagacc ctggtgcgtg tccatgaaga catcctttgg cagccggggg 2220
atccatttcc gctctacctc tctgagcttc ctgtggtaga gataaagttt cttttcagct 2263
ggaggatgtt ggcagattgt gtcttccaaa angtggtact ctc

```

```

<210> 8624
<211> 1485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1204)...(328)
<223> similar to gi452276 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8624
tttttttttt ttccgcaggt ctgaaatgga ctttaattgg cttttgtctc tagaattacc 60
caccgcgttc tgcgctctac ggttctccat gccccctcca gtttgggggg ctaaaccgaa 120
caggagaggt gcaggggacc aggaggtgtc ctggcaciaa ggttcggggg tctccctggc 180
aaggggtccc agggcctgga gcccgaggcc cagccaaaag cacacagcat caaaacatgt 240
ttttagtggg aagctccagg ccctgccctt ccccgggggc ctcgaggtcg gggagcaggt 300
gggcgtctgt ctgcctccag gtcattggcag tgcaggcggt gagctggggg ccggcagggg 360
cgcggacagt gcggcgtggt cgaacagagg gtttgcgcacc tccatttccc cggtcggggc 420
caggccccgg cactcgtaca ccgtgaagtc tccgtcctca ttctcctcat ccgaggaggc 480
cgtgtccagc tctttgggtg gctctttatg ccgctccagg tgggtccccg gcgagatccg 540
gtgctggtag tggtagatct ccgcgctctg tgccagccgc tgggtccccg gcgagatccg 600
gggagctgca ggtgagccag gggccttcgc agtggcgtag tgggccttct gagtcaggcg 660
gatctcacgc tgcagcctgc accagcagag ggaggctacg gagagggcgg ctgcaccggc 720
cacacagaac gccaggatca gcacaagggc gaggccgtcg ccttgccctc cccgggggctc 780
caggggagac atgtgcaccg ggtcggatga cacaggggag cccagggagg tgtggggcgt 840

```

```

gggcgtgggg gttcctggag tggaggggag gcccagctcc agcccctgcc cccgtgccga 900
gaagcccagg gtggcaggct ccgggagccg ctgtcgggtc ttgggtaggg gcggagttga 960
gtgtccagac tccttcggg caagctcctg ggccaggaag tcaatctcat cttccagtct 1020
gggctggggc cgccccccgc ctggaggccg gcgcatactg ggcacacaga gcccttgctg 1080
gtcctcctgg aagggctgaa ggagggggcc acaggcatgt gcaccaggag gacaccttgc 1140
ccgcctcttc agggcacagt ccaggctccc gggacaggcg gctacatccg ggaaggaagc 1200
agaaggcagg gccggctcac ggccccgcag ggctcggccc ctgcacacgg cagcgtgcc 1260
ccagccaccc gcccccgta ccccccgagc tggccggggc tggttctggt cattgttctg 1320
gacatgccct tcctccctga cgccagggtc cagaaccggg aagcgaacag tcctaggact 1380
tatcagaact accctgcccc accctcccc aggggtccact tccaggcctg atagagccct 1440
cagctcagaa gctgcctcgt gccaaagctag gcgaataggt aatag 1485

```

```

<210> 8625
<211> 4291
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (984)...(2533)
<223> similar to gi5917732 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8625
gcgcggggga ccaccgcgtc ccccccccaa cctcctcag cagaagcagc cggcgcggggt 60
ggcaggagtc agcccgcctc cgaccgtacc ccgcccgcct cccgggggctc ctgttctgtg 120
gcccggggac cctaaccagc tcccggggcg gttccctccg tctggggcgtc cgagcgtgc 180
ccacatcttt cattcctccc tgcacctcct tcccttact tttgccccgg ctctctttct 240
cctctctgtc ctgctgtcgc ctctctcct cactccagcc tccttccctg gcttattctg 300
cccaggaaaag tttggaaccc ccgccccccc tccccaatca ggtcaacctg actaggagta 360
gggggagatg taggaaggcc tgagagtctg ggggggggga agctggaagc tggtttccca 420
aaaaatttcc ccccatcttc tccatttagg ggggggggaa ttttttttaa tcctgttttt 480
gacggagggg ggggggtgtt aggaaaaagg atgtgggaat ggaaggggta gatgagtcaa 540
ccctctttca agattccaac ggggtggtgt ttacctgat ctttctgtgt gtggagtcca 600
gggggtcggg aggtttggcc tttattccca cattcaaagt tggaaacctc cccaaattaa 660
gaatggagtt ttagtaccga cttgtggcag gaaatcctgg ggggaagggt tccttttttc 720
ctttttcttt tcttttttcc ctttttttcc ctttttgcaa cccacaccct tccacacag 780
ctcaccccaa aattaaacac caagatcctc taacttgttt ggattgactg atgaagacat 840
aaagctctat gttttttgag gtggagttag tggtttttct tcatttttaa atggccaaat 900
gacagcttga ccagtttgc tttccaatca aagggcattt attttgaatg tctttttgtg 960
gcgcaagagc caacgcaaaa atgatggcg cttacaatgg cggtacatct gcagcagcag 1020
caggtcacca ccaccacat caccaccacc ttccacacct ccctcctcct cacctgcacc 1080
accaccacca cctcaacac catcttcac cgggggtcggc tgccgctgta caccctgtac 1140
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taaaccctgg gcaacaacag ccatatttcc catcaccggc accggggcag gtcctggac 1260
cagctgcagc agccccagct caggtacagg ctgcccagc tgctacagtt aaggcgcacc 1320
atcatcagca ctgcacatc ccacagcag agctggatat tgagccggat agacctattg 1380
gatatggagc ctttggtgtt gtctgggtcag taacagatcc aagagatgga aagagagtag 1440
cgctcaaaaa gatgccaac gtcttcaga atctggtctc ttgcaaaagg gtcttccggg 1500
aattgaagat gttgtgtttt ttttaagcatg ataagtact ctctgccctt gacatactcc 1560

```

aacctccaca	cattgactat	tttgaagaaa	tatatgttgt	cacagaattg	atgcagagtg	1620
acctacataa	aattatcgtc	tctcctcaac	cactcagctc	agatcatgtc	aaagtttttc	1680
tttatcagat	tttgcgaggt	ttgaaatata	tccattcagc	tggcatttta	catcgagaca	1740
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tggccagagt	ggaagaatta	gatgaatccc	gtcatatgac	tcaggaagtt	gttactcagt	1860
attatcgggc	tccagaaatc	ctgatgggca	gccgtcatta	cagcaatgct	attgacatct	1920
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gtcccattca	gcagttggat	ttgatcacgg	atctgttggg	cacaccatca	ctggaagcaa	2040
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cctccactgg	aagagtttat	accagtgact	ttgagcctgt	caccaatccc	aaatttgatg	2340
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tcacacacac	acacacacac	acacacacac	acaaacacaa	aggacagtca	tacattttga	2940
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agagactaaa	cttttgtttt	ccttaccag	tataaatata	tatatatata	tttaatctat	3240
ttttattaga	agtttttctg	ctcttttctta	cataaaaagaa	ccccaaagcat	gcatctttca	3300
tgtgtgtaaa	taatttcattt	ctgggctaatt	ttcaaaaagaa	tccaatatt	gctgtataga	3360
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acagtataaaa	aataataaaa	gacaaaaaca	aattttaaaaa	aaaaatttaa	gccacaaaaa	3480
aaggcacata	gggaattatg	tcaaatgtgt	ttgtgtcctt	aggcaaagct	gtgggagctc	3540
tgaaatgtca	cagtagtaaa	taacttatta	ctttttgaca	agttcttttt	tttctgttgg	3600
aacactgaat	tcttctgtgc	atatgtacat	atgaatacaa	atcgaaggcc	tctacctcct	3660
gggagttata	caacttgggc	ttgtttacct	ccacatgctg	atgatgacta	tttttttttt	3720
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gaagactatt	aataagttat	gtttggaagt	tttaacctca	atgaagtaat	tatttgctgt	4020
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ttagtatcaa	aagagcccaa	aaagaccctg	gtgtgaaagg	tacaatctca	aaggttggtc	4200
aattaccgtg	gcacactttc	tggtcacttt	gtacaatgta	aatttgaaagt	acagtgggtga	4260
aaacattaaa	tgtgacattt	gaaaaaaaaa	a			4291

<210> 8626
 <211> 3739
 <212> DNA
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(3740)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (20)...(2493)
<223> similar to gi6007619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

004032310400

```

<400> 8626
tcttcgtctc ccggaaga tggcgatcg cgcggagatg tttctctctt ccaccttcca 60
ctcgtctgtc ccgccgggct gcaggcctcc ccaggacata agcctggaag aatttgacga 120
cgaagatctg tctgagatca ctgatgactg tggcctgggc ctcagctacg actcagacca 180
ctgtgagaag gacagcctct ccctggggcg ctcggagcag ccgcaccca tctgctcctt 240
ccaggatgac ttccaggagt ttgagatgat cgatgacaat gaagaggagg acgatgagga 300
cgaggaagag gaggaggagg aggaggaggg agatggggaa ggccaggagg gaggagaccc 360
tggtcagag gcacctgccc ccggggccct tatccctcc ccttccgtgg aggagcccca 420
caagcaccgg ccaccacccc tccgtctgac cacactggg gccaggact ccctaaacaa 480
caacggaggc tttgacctgg tgcgtccggc ctccctggcag gagacagcgc tatgctcacc 540
cgccccggag gccctcagag agctcccggg cccctccct gccacggaca ccggggcccg 600
cgggcgcgag tcgccagtgc gcccggttg cgactgcgaa gggaaccggc ctgcggaacc 660
ccctgcgcca ggggggactt cgccctcctc agatcccggc atcgaggctg acctgagaag 720
ccgctcgagc ggccggcccg ggggacgtcg cagcagccag gagctgtcct cgcccggtc 780
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gcgcgcgcgc gccttctctc ccgtggggcc cgagcacacc aacagcgagt acgagtcggg 1020
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ggtgagccgc atgatctcc agggctcctc gccatccgc tgccccggcc agtgctgtc 1140
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gggcccctcg gcgcgcgggg acgcgtcgt ggtgtacgac gcggtcaagt acacgctggt 1560
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gaagtctctc aatgtcttcg tcaacagcac atctcggtcc tccagcaccg agtcctttgg 1800
ccttttctcc tgtctggtca acggcgagga gcgagagcag actcaccgg ctgtgttcag 1860
gttcatcccc cggcattccag acgagctgga gctggatgtg gatgacctg tgttggtgga 1920
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gttctctgcc ttctacgccc atgcggtgcc cgccctgcc aaggacctgc tgggagtaa 2040
gcggagcccc tgctgggtgg agcgtttga cgtgcagttc ctgggctccg tggagtgcc 2100
ctgccaccag ggcaacggca tcctgtgtgc agcatgcag aagattgcca ctgccggaa 2160
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caaacacccc ctgctgagcc gtttcgctg ccacgtcttt gtctcccagg agtccatgag 2400
gccggtggcg cagagtgtgg gccgcgctt cctggagtag taccaagagc acctggcgta 2460
cgctgcccc acggaggaca tctacctgga gtagcctgcc caccgctctg tctcctggcc 2520
gtctgtctca ggcgcagctg gggctgagga tgtctcaaga ggccaccatg gctttggcaa 2580

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004337236.01.00

```

ggactggatt ggggggacat gggaccttac gcttgtgggg gtctgcgggc tgggaactct 2640
cgctctcggt ccccgaggcg cagctgttgg ggctgcgggg gactggagcc cccgtgcccc 2700
tgcttttctt cagatccgtt ctttctctgt gttgtcctcc tccttccctt cccagtctcc 2760
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tcactttggg gtcagaactt cgggggtgtg ggaggagggt cggctctagg ggaacaggta 2880
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ctcgccccag cccaccccca catggagctc agggggaagc agggagggtg tcccaaaaga 3060
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acaatctggc cgggcacggt ggctcacgct tgtaatccca acgtgtcttc aggtctcttt 3660
ccctccagcc ggcccttaag acggctgttg gacgtgctcg ngagtccttc gcctgtctgc 3720
cttccacctc tctgcagct 3739

```

```

<210> 8627
<211> 1080
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (278)...(35)
<223> similar to gi5457683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8627
gcttcagatt cttttctgcc atccaatgct gtttctatgt agctatcaaa atgcttctta 60
attctttttt gatgatcttc aggtgaaaac cacctgataa cttggtatga tttttcctcc 120
tctttaatat ctgggatcaa aaactttcca ctctgatgaa gcatagtcac attatgacca 180
tgctcttgaa gaatctgaga caccgggtcc aacagtaggt aatggcttcc acccagtgtg 240
gatattgtca ggattttggc agcctctgag agcaggaccc cagaaagaag gaaggccact 300
agaagcagca cccgctgccc aaccatgctc acttccacag aagcagcgga tctcagcctg 360
ggctgcgcgc cctgcgccgg gctaaggact ctgtgcgcgc ctccagtactc caaaggcact 420
ggctgtgggc ctaggaagag gaaatctgga aacctacagt ctccatgcct gctcagccaa 480
gaaggagctc actgtgggca ccagagacag ggacccaatg tggagacctg tgagcctgtg 540
tccggccctg aactctcaag cacagggcag gcttctctgag cattgaagag aatatgtggg 600
agaacaaaac agaaactgaa agaatatgca aggtgtcctt cttggatgtt attccatgat 660
agatagtagg ggcaggagtg agagaggctg actaggtctg gacatggagg ctggaagagt 720
cagggtgtga ttcggagagg cgcatgagaa ggaagggtgga ttttaaggct ggaaatctga 780
gggtcagtg tccaagtcac tcagagacag aatcacagca tagcccttgc tgatggcaaa 840
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attttagtga aaattagcaa gtggaaagga tgatttttgg ccatttttcc tgttcttcaa 960
gaaaacagga gataactaga aggactagag aatggggctg ccagaactag tgggaagctc 1020

```

cctagaaatg gtgacatcgc ccaccaaaca gaccccgccca aggctgcacc tggccttatg 1080

```
<210> 8628
<211> 2957
<212> DNA
<213> Homo sapiens
```

<400>	8628								
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ccagaccaga	agcccttctg	aattaagatc	tcacattctt	gaaggtggca	ttgaagagca				120
ctaagatcgg	aagatgagtg	agcttgacca	gttacggcag	gaggccgagc	aacttaagaa				180
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catcgacca	gtgggaagaa	tccaaatgcg	cacgaggagg	acactgcggg	ggcacctggc				300
caagatctac	gccatgcact	ggggcacaga	ctccaggctt	ctcgtcagtg	cctcgcagga				360
tggtaaactt	atcatctggg	acagctacac	caccaacaag	gtccacgccca	tccctctgcg				420
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tcgtgagctg	gcaggacaca	caggttacct	gtcctgctgc	cgattcctgg	atgacaatca				600
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gacgaccacg	tttaccggac	acactggaga	tgtcatgagc	ctttctcttg	ctcctgacac				720
cagactgttc	gtctctggtg	cttgtgatgc	ttcagccaaa	ctctgggatg	tgcgagaagg				780
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agacgacaat	tcccattgag	agaaagatct	ctgtgctgta	aactaaaaca	aattgtgcat				1380
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atataataaa	aatgttaacc	agaaggtaaa	cttgagtgtg	attgtcagac	agacacactt				1500
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gtttttaatt	ttctgtctga	tgtccacagat	cattgttgca	cacaaacgtg	gcatagaaaa				1800
gaacatgttc	agaagccatg	gggccaagca	catgcgggga	cggctcctcaa	tgcgtgatca				1860
gagaatcctt	cacctttgtct	gaaaagtggag	ctcagatcca	gcaccatgtt	cctcctgacc				1920
catcctgtct	atcttctcag	ttgagttttt	aatctcactt	tgggtttcct	tgtgaagttg				1980
gagggaggtt	tataatagcc	taacactacc	ccacccccaa	ctaggaggaa	cctctgtttt				2040
caagagagat	gcctgtcctg	tgcttgagata	gtcagtcaat	tatttgtgta	tgaacaatatg				2100
tacaaatcaa	tgttttgaaa	ataatgatct	cagactttct	aagttaaatt	ttaaaaattt				2160

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aagtgcata	gggactcagt	ccttaggtgt	tctttttctt	ttaagaaata	acctcttaca	2280
gttgtaacca	ttgcggctct	gtccacttct	cgctgtccac	ttctcgttgc	tgctctgtgg	2340
cacatatcgg	aagcagtaca	gcgcgcggct	ctacacgctt	gggtagcggg	ataagtcact	2400
gttttcttta	tttctttaaa	aaaaaaaaaa	gttctgttgc	aaacgactgc	tggttgattc	2460
tgagggtggg	gagggagaga	gagggagggg	gagggagtga	agagcctgcc	ctcctatatg	2520
gattcttcag	ggccctccac	atctgaggtg	gtcattccc	atcacacaca	gattgtcctg	2580
gtgttcattt	caaggccagt	gttcagcagc	agcgtttgga	aagcaggttc	tgtgggaccc	2640
cccgcgccgc	ccccgcact	ccttcatagc	agcagtagtg	gcttctccat	cctgttttct	2700
gcaacattct	atacaaaact	gtgctgtgac	cttgcggtag	gcctggatct	ggcaaagaga	2760
atacaaatga	aaccccttct	ttctctttcc	gtccaacaac	tctgtagagc	tctctgcacc	2820
cttaccctct	tccacctttt	gtatttaatt	ttaaagtcag	tgtactgcaa	ggaagctgga	2880
tgcaagatag	atactatatt	aaactgtact	gttatttaag	atgtaataaa	gcagtttgac	2940
atgagggaaa	aaaaaaa					2957

<210> 8629

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (688)...(1093)

<223> similar to gi2852645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8629						60
cttcacctct	gtgttttctt	ctagaagatg	cattttgggt	ctgagaggag	cattttcctg	120
gaaggccatc	ttttaaggcc	cctgcttgct	gtcatagtgc	agagcagaaa	cttgcacact	180
atttagagag	ctcccttccc	acctctctgc	ccagccttgg	gaccatgctg	tcccaggttc	240
aaggataaaa	accatcaggc	ccaagtgcc	tccatagtcc	atctccagag	tcttcctcca	300
caaactggga	ttcatccccg	ctgaaaaagc	acaatctaac	agcaagggaa	caaaaaaacc	360
atgctatcac	ataatactat	gatgaagcag	agaaaacagc	aagcaacagc	catcatgaag	420
gaagtccatg	gaaatgatgt	tgatggcatg	gacctgggca	aaaagggtcag	catccccaga	480
gacatcatgt	tggaagaatt	atcccatctc	agtaaccgtg	gtgccaggct	atttaagatg	540
cgtcaaagaa	gatctgacaa	atacacattt	gaaaaatttc	agtatcaatc	tagagcacaa	600
ataaatcaca	gtattgctat	gcagaatggg	aaagtggatg	gaagtaactt	ggaagggtgt	660
tcgcagcaag	ccccttgac	tcctcccaac	accccagatc	cacgaagccc	tccaaatcca	720
gacaacattg	ctccaggata	ttctggacca	ctgaaggaaa	ttcctcctga	aaaattcaac	780
accacagctg	tccttaagta	ctatcaatct	ccctgggaac	aagccattag	caatgatccg	840
gagcttttag	aggctttata	tcctaaactt	ttcaagcctg	aaggaaaggc	agaactgcct	900
gattacagga	gctttaacag	ggttgccaca	ccatttggag	gttttgaaaa	agcatcaaga	960
atggttaaat	ttaaagttcc	agatttttag	ctactattgc	taacagatcc	caggtttatg	1020
tcctttgtca	atcccccttc	tggcagacgg	tccttttaata	ggactcctaa	gggatggata	1080
tctgagaata	ttcctatagt	gataacaacc	gaacctacag	atgataccac	tgtaccagaa	1140
tcagaagacc	tatgaaaaga	aagttgtatg	tgccacataa	aactctgaat	ataaaagttg	1200
ctgttctact	attttaacta	ctggcaaaagc	cacttgcat	tttcattagt	agcaacaata	1260
gcaatttagt	gatttttcctt	ttctgacatt	caatttcaat	ctcagatcaa	ataactataa	1320
acaatttaga	atcttacttt	aaaaaactta	taactcactt	gtcttcattc	ataattttgt	1380
tttcacctgg	tttaaagaat	ccagatattt	tactgcaaaa	gttcagatgg	aaaagtaatt	

```

gacagtttca cctttgtctc attttatatg atttattaca gtgtaagttt ttcaagtgga 1440
atctagaatc aaaatacagg gagagatatg aagacctatt cagagtttca tctggggatg 1500
aaagctatgg aagatgatgt acaaatgtta ttgatggaga aaatggttgg gtgtgtcctt 1560
tctggtgacc atgagaaaaat aatatgtctt gatgaagtct ttccattagt cactcttaga 1620
attctaaagt gctttgcact tttcaatatg ttttgaatca ttaggtaatt tattctggat 1680
gatattctcc aaaattcaat tcagttatta tattcattta gcattaagtc aaggagactg 1740
agaatgactc aagggacgtc atagtacat agttttaagg accaaggtgt gcccagaatt 1800
caagtttcac aaatcccaat g 1821

```

```

<210> 8630
<211> 921
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (81)...(333)
<223> similar to gi4884077 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8630
cgctcgaccga aggactctcc gtttgatgca gacacaattg taatggagat gtaaaacttc 60
ttagcaatca gatggataaa ttgtttgctt ttcatttatt cacatttcat ggattgttac 120
acttcctcga tgggagcatt caaaaaactaa tacaagctga gatttatattg tctgacaatt 180
caagtatttt agtttttagaa aacaatttcc tattttaaagt aaaaagcaaa caatttatcc 240
atctgattgc taagaagttt tacatctcca ttacaattgt gtctgcatca aacggagagt 300
ccttcgtcct cagtatgatt gttactggct gagaacatac ggtgacctgt gttctgagtg 360
cctgcttgga aaagacctcc ctgtcatctg ccatactacg ggacaaatca gtatctactc 420
aaattcccac ttccagaatg agaggactca tcagggggtt aggagtttgc aaagccttca 480
aaatgtatcg tgcttgaatt ttgactcttc tgaaatagaa taactgacaa atgctcaaaa 540
aacaaacttg ttttaactttt actgaaaagg ctctcagtga aaacttgttt tgaactctac 600
tagtaaggta gaatattagt ttttcttccc ctccacacca gaaaaggcag ttttctcttt 660
tttttttttc tggcatgcag catatataaa atgtgatcta gaattgaaat tgtaaaacag 720
aataatcctc ttaaagaaaa tcagcctatg aacagtcaga cttgtccttc catggaaaac 780
ataatctaaa cttcttttaa aactggccat attttttcag tctgtaattc cgaataatga 840
agatgggcat aacaaatttt tttgcttact agggaatgcg caaaagggat gagatgggat 900
acacaggttt taaaaaaaaa a 921

```

```

<210> 8631
<211> 1325
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (406)...(813)

```


<223> similar to gi5932558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8631
aggcgccgga gccagcggc tggcgccaga tccaggctcc tggaagaacc atgtccggca 60
gctactggtc atgccaggca cactactgctg cccaagagga gctgctgttt gaattatctg 120
tgaatgttgg gaagaggaat gccagagctg ccggctgaaa attaccaac caagagaaat 180
gtaggctggg taccctgaat caccctctgc aggatggact ttctggctcct cttcttggtc 240
tacctggctt cggctgtgat gggctctgtt cttatctgcg tctgctcgaa aacctatagc 300
ttgaaaggcc tggccagggg aggagcacag atattttcct gtataattcc agaattgtct 360
cagagagcca tgcattggatt gcttcattac cttttccata cgagaaacca caccttcatt 420
gtcctgcacc tggctcttgc agggatgggt tatactgagt acacctggga agtatttggc 480
tactgtcagg agctggagtt gtccttgcac taccttcttc tgccctatct gctgctaggt 540
gtaaacctgt tttttttcac cctgacttgt ggaaccaatc ctggcattat aacaaaagca 600
aatgaattat tatttcttca tgtttatgaa tttgatgaag tgatgtttcc aaagaacgtg 660
aggtgctcta cttgtgattt aaggaaacca gctcgatcca agcactgcag tgtgtgtaac 720
tggtgtgtgc accgtttcga ccatcactgt gtttgggtga acaactgcat cggggcctgg 780
aacatcaggt acttcctcat ctacgtcttg accttgacgg cctcggctgc caccgtcgcc 840
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ttctgactt ttccacggat tgtcttcatg ctgggctttg tcgtggttct gagcttctc 1020
ctgggtggct acctgttggt tgtcctgtat ctggcgccca ccaaccagac tactaacgag 1080
tggtacagag gtgactgggc ctggtgccag cgttgtcccc ttgtggcctg gcctccgtca 1140
gcagagcccc aagtccaccg gaacattcac tcccatgggc ttcggagcaa ccttcaagag 1200
atctttctac ctgcctttcc atgtcatgag aggaagaaac aagaatgaca agtgtatgac 1260
tgcctttgag ctgtagttcc cgtttattta cacatgtgga tcctcgtttt ccaagaaaaa 1320
aaaaa 1325

```

```

<210> 8632
<211> 2676
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1217)...(1718)
<223> similar to gil360492 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8632
tttcgttgca gcgaaaggaa atctcgctct tccgaaagtc ctccagggcg agagaggaaa 60
gggcctaggt actgtgctgg ggtcgcacag ccggccgaga cagtgcgggg acggggagcc 120
aggcttccga gtgcgcccgg tcaactgactc ctccgcgctt tcctcgtagc cctgcagccc 180
ttggttcttg gaaacgccgg cgccttggtc agggctgggt gggctggggc gcaaggtgca 240
gtgacaatg cccgagagga gccgcagcct ctggtggagt tcggtcgggt gtgggggtag 300
tcaaggaaag aagcaaaggg aatacctcct ctgaaaaatg gcagaagcag ttttccatgc 360
cccaaagagg aaaagaagag tgtatgagac ttacgagtct ccattgcca tcccttttgg 420

```

tcaggacccat	ggtcctctga	aagaattcaa	gatattccgt	gctgaaatga	ttacaacaaa	480
tgtgattgtg	aggaatgcgg	aggacattga	gcagctctat	gggaaagggt	atatttgaaa	540
aggattattctt	tcaagaagcc	gtccaagctt	cacaatttca	gatacctaac	tggttgctaa	600
atggaaaagat	atgaagacaa	acatgcctat	catcacatca	aagaggtatc	agcatagtgt	660
tgagtgggca	gcagagctga	tgcgtagaca	ggggcaggat	gagagtacag	tgcgagaaat	720
cctcaaggat	tacacgaaac	cgcttgagca	tcctcctgtg	aaaaggaatg	aagaggctca	780
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gccattaggc	tgccctgcag	agggctctgg	ctgccaccca	acaacagaga	gctttgagaa	960
aagcgtgcga	gaggatgcct	cacctctgcc	ccatgtctgt	tgctgcaaac	aagatgctct	1020
catcctccag	cgtggccttc	atcatgaaga	cggcagccag	cacatcggcc	tcctgcatcc	1080
tggggacaga	gggctgacc	atgagtacgt	gctggtcgag	gaagcggagt	gtgccatgag	1140
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ctttcgaagc	aagggtctgg	tgcccaaaagt	gggactcaag	tacgggacag	atttactgct	1440
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actgcagatt	ctatacttgc	ggttgccctc	aactctccaa	tccagagcct	cctgcctctg	1980
gcgtcagctc	tttccctcat	ccactcactg	gggagattgg	actagatgag	tcctgagagg	2040
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ttatacagta	cagtttatga	agcactttca	tacgcaggca	tctcttgtaa	cctacatcta	2160
agctgttccc	gaaagagtgt	tacagaacac	aacagtattg	tacaatattc	gataagcata	2220
tcttctactgc	acttggtata	aaaatgagtg	gtgaaataat	gtttggagac	ataatgaaag	2280
cgattaacat	ttggcaaaa	ataataaagc	ctttttgtaa	ttggtgagaa	agtcatgaag	2340
acttaagttg	cctcagggca	tctggtggca	agaggaggga	gatgggtggc	tgggcatggt	2400
ggcccatgcc	tgtaatccca	gcacttgagg	ggccttgagg	ggccaaggcg	catggatcgc	2460
ttgagccag	gagttggaga	ccagcttgagg	caacatgggt	aaacctcctc	tctactaaca	2520
aaaattatcc	aagcattgtg	gcacatgcct	gtaattccag	ctgctcagga	gactgaggta	2580
ggaggatcgc	ttgagccag	gaggaagagg	ttgcagtgcg	cggagattgt	gccactgcaa	2640
tccagcctga	gcaatagagc	aaggtcctgt	ctcaaa			2676

<210> 8633

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1331)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (73)...(848)

<223> similar to gi5670007 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8633
ccgagcggcg gagtccggga cgtggagacc cgggggtcccg gcagccgggc ggcccgcggg 60
cccaggggtg tgatgcaccg ccgcgggggtg ggagctggcg ccatcgccaa gaagaaactt 120
gcagaggcca agtataagga gcgagggacg gtcttggtg aggaccagct agcccagatg 180
tcaaagcagt tggacatgtt caagaccaac ctggaggaat ttgccagcaa acacaagcag 240
gagatccgga agaatacctga gttccgtgtg cagttccagg acatgtgtgc aaccattggc 300
gtggatccgc tggcctctgg aaaaggattt tggctctgaga tgctgggcgt gggggacttc 360
tattacgaac tagtgtcca aattatcgaa gtgtgcctgg cgctgaagca tcggaatgga 420
ggtctgataa ctttgaggga actacatcaa caggtgttga agggaagggg caagttcgcc 480
caggatgtca gtcaagatga cctgatcaga gccatcaaga aactaaaggc acttggcact 540
ggcttcggca tcatccctgt gggcggcact tacctcattc agtctgttcc agctgagctc 600
aatatggatc acaccgtggt gctgcagctg gcagagaaga atggctacgt gactgtcagt 660
gagatcaaag ccagtcctaa atgggagacc gagcgagcgc ggcaagtgtc ggaacacctg 720
ctgaaggaag ggttggcgtg gctggactta caggccccag gggaggccca ctactggctg 780
ccagctctct tcaactgacct ctactcccag gagattacag ctgaggaggc cagagaagcc 840
ctcccctgac tgcattgtga agggcacaca gcagcaggca gggaggaggc ggaggtggca 900
aataaacctg ggagtagagg tcagtgaaga gagctggcag ccagtagtgg gcctcccctg 960
gggcctgtaa gtccagccac gccaaaccctt ccttttagcag gtgttccagc acttgccgcg 1020
ctcgctcggg ctcccattta agactggcct tgatctcact gacagtcacg tagccattct 1080
tctctgccag ctgcagcacc acggtgtgat ccatatttga gctcagctgg gaacagactc 1140
attcctaatt ttgtaaaata cagcccgaac tgcaagttgc ttattgtttc aaaatccagt 1200
ggatatcttg acctacgtgg cttggaagat aagtgtttt cccaaaaacc gtgttattgg 1260
aagcggttgc aatctggatt cagccgattc cgttacctan tgggggaaaa gctgggagtc 1320
anccattaag 1330

```

```

<210> 8634
<211> 2193
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (173)...(1130)
<223> similar to gi5725223 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8634
cctagttgag gctaacagtc agtatccagc ctcaacattc agcagaggcc ccagatcagc 60
gtctgagcca ggccaacaat gaccaaggag gatgggatcc tgggtgcagc tcatcacaag 120
cgtcgggggtg cagcaaaacc atccaggctg gacagtggct ggacagttcc aagaaaagaa 180
acgcttcact gaagaagtca ttgaatactt ccagaagaaa gttagcccag tgcatctgaa 240
aatcctgctg actagcgatg aagcctggaa gagattcgtg cgtgtggctg aattgccag 300
ggaagaagca gatgctctct atgaagctct gaagaatctt acaccatattc tggctattga 360
ggacaaagac atgcagcaaa aagaacagca gtttagggag tggtttttga aagagtttcc 420
tcaaatcaga tggaagattc aggagtccat agaaaggctt cgtgtcattg caaatgagat 480

```

tgaaaaggct	cacagaggct	gcgtcatcgc	caatgtggtg	tctggctcca	ctggcatcct	540
gtctgtcatt	ggcgttatgt	tggcaccatt	tacagcaggg	ctgagcctga	gcattactgc	600
agctggggta	gggctgggaa	tagcatctgc	cacggctggg	atcgctcca	gcatcgtgga	660
gaacacatac	acaaggctcag	cagaactcac	agccagcagc	ctgactgcaa	ccagcactga	720
ccaattggag	gcattaaggg	acattctgca	tgacatcaca	cccaatgtgc	tttcctttgc	780
acttgatfff	gacgaagcca	caaaaatgat	tgcgaatgat	gtccatacac	tcaggagatc	840
taaagccact	gttggaagcc	ctttgattgc	ttggcgatat	gtacctataa	atgttggtga	900
gacactgaga	acacgtgggg	ccccacccg	gatagtgaga	aaagtagccc	ggaacctggg	960
caaggccact	tcagggtgtcc	tcgttgtgct	ggatgtagtc	aaccttgtgc	aagactcact	1020
ggacttgcac	aagggggaaa	aatccgagtc	tgtgtagttg	ctgaggcagt	gggtcagga	1080
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gtctcccccg	gacgcccagc	tttaaaatft	ctctcttttg	tactctgtcc	ttctattttct	2160
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```
<210> 8635
<211> 1115
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (666)...(800)
<223> similar to gi2062680 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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cggcattcaa	ggccttcagt	gataaatcca	ggcccaccat	ccgtccccac	accacctttc			180
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agcccttccc	tgtgtcccta	gctggagttc	ctcactccct	cctcagtgtc	ctgaagcttc			360
ttgttagagc	tgtctgagcc	actgcgtgtg	tctgacagca	agtctgcagc	ctctgcctcc			420
cttgcgggac	tgcaggtgac	ttgaaggcac	agcctgggtc	ccaggaggct	ggctttcgtg			480

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acctgatagc	ctaaaacagt	atcacttgag	tcatggacta	aaaggaacct	taaacattgt	3840
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tcgtggcagt	gtgccttagc	tttccaagca	ggggtctgaa	tagctttttc	catgaaaatt	3960
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aaggtgaag	cctaggtgat	ctcatagaac	aggggttcacc	aaataaggcc	catgggcca	4080
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<210> 8637
 <211> 3661
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (899)...(2106)
 <223> similar to gil072250 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8637

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atttagtcat	tcatttttga	tcaggagaaa	gaagacagcc	atcatttgaa	aggtaaagct	300
tcagcgactg	aaggagtgtg	gactttttga	atttcaagaa	cagtaaagtt	ggaacacagc	360
agagggtgtg	taataaaata	cagattggaa	agaagactga	tgaagaaaaa	taacagcatg	420
attcaggcac	accattgagt	tctttgggat	gcccgaaggt	gtctggttgg	gaaacatgaa	480
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gataaatgca	aaacagtggc	tgttgccagg	gatggaaact	tactggaaca	atggggagaag	600
ctggtagctt	ataggaagcc	aagatgacca	gaatgttttt	aaataatcca	aggaagaatc	660
ctgctcaaaa	atgaggtgaa	ttaatacttg	ggcgctcagg	aacctgggac	agctacatga	720
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cccttgtg	cgagtctcct	ctgacaacgg	gcagcggctc	ctggacatga	tagaaaccct	1080
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tgattgtatg	gtcagtaggc	aatcttaaat	gtttttat	aaaataaagt	attccttgaa	2940
aatataaata	tatgtataca	ctactaaatt	ttgcatttat	agctaaattg	aatcagaaga	3000
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agagttttga aaatgatcac ttacctaaaa cttgaaagct atgaattagt tatccatact 3240
ctcatgacaa ttttggttggg gaacaacaaa aaagagatct atttctttaa aagatatttg 3300
tgcaaaaact gcatgtaact ctaagtttta ctacctaat acatatgttt gggaagtat 3360
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attttgtttg ttttaaatct ttgtaaagtt attattccag agagtatact ggtatcttac 3600
agcttaccta gatcataaat taatcaaaat gcacttttta ataaaaactg atacttaaaa 3661
t

```

```

<210> 8638
<211> 2363
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (713)...(1540)
<223> similar to gi4126978 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8638
tttttttttt ctattgattg catgttgaaa tcttactttg gatatatattgg attaaataaa 60
gtatatcatt aaaattttta agcttatgtg cctatgaaaa acttccaaat tacacagttg 120
gatggcgtaa tatttctctt ggacagcagt ggtctgaaag atgacaaaaa tcacgatacg 180
tttgaatcac gccatgtctt tagggaaaag aagaaagaag agtttctctt cgtatcgctt 240
aggggttcct cgcaagaacc atctgacaga gaaaagccct ggctcccgcc ccagtggcct 300
ctaattctgg tccccgcgcc cagaaagccg ggaacgggca agcctggaaa ggcgttttga 360
aaggaaacag gatcccccgga gtataggatg cgtttctgcc tcacaaaagt cccttggggg 420
tggggggacg gcagcggctg aggcgcagga aagaggagag cacacgggga gtggcccttg 480
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cgtgcagcag gctgtggcgc ggcggccgcg ggatctccca gccatccagc cccggctagt 840
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cacttttggc gagaactacg ttcaggaact gctagaaaaa gcatcaaata ccaaaattct 960
gtctttgtgt cctgagatca aatggcactt cattggccac ctacagaaac aaaatgtcaa 1020
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aagcacgatt tttggagagc gggattactc aaagaaaccc accccggaca agtgcgagc 1500
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```

ctaactatgc actaacctag attttcattt cgatattccc tgtgtcccag cgcagtcctg 1620
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```

```

<210> 8639
<211> 1452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(831)
<223> similar to gil913785 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8639
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ttttgctttg tggccggatt ttgctactgc ttgctcttct tactttaatt atttctgtga 180
ctacctcatg gcttaactca tttaaatctc cccaagttaa tctgaaggaa gaagaagaaa 240
agaatgagaa aagacaaaaa cttgtgagaa aaaaacaaca agaagcacia ggagagaagg 300
ccagcagata catagagaat gttttaaaac ctcaccagga aatgaaattg agaaaactgg 360
aggagcgctt ttatcaaatg acgggtgaag cctggaaaatt aagcagtggg cacaacttg 420
ggggtgatga aggtacaagt cagacatctt ttgaaacatc aaacagagaa gcagcaaaga 480
gccagaactt gcctaaacct ttaactgaat ttccgtctcc tgctgaacag ccccatgca 540
aggagattcc tgatttacct gaagaacctt ctcaaacagc agaagaagta gttactgttg 600
ctctccgatg tcccagtggg aatgtcctga ggagaagggt tttgaagtcc tacagctcac 660
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cttcctttcc cagacggcct ctggcagtgg agggaggcca gtcgctggag gacataggaa 780
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ccatgggaat aggattagaa aaggattgct ttctatatat aataatctgt ggactgtgcc 1020
attttacagt gtaccaaagt agaattgagt tgaaatgtat gcagtaagggt actcagtaat 1080
taattggtat tttttcccag ctgacatgat ttctcagtgt tagaaaacaa acccttagaa 1140
ctttcctttc tgcctcttca atccatctta ccacacaata tttcatgatt caaattcttc 1200
aaagtcttat acgcaggaat gtttattctg ctgtatttct gtggaaatta aaaacttgga 1260
aaaagcttca aaagctcttg gaggccttaa agttctttct gttgggtgtg cattacagtt 1320
tacttaactg atgtttggcg atttatataa ttttgcctg ttattaaatg ttacaaagtt 1380

```

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ccaaatgaat cagtatttta aaaaataaaa ctatgaaagc cttaaaaaat aggtgaattt 1440
ttaaaaaaaaa aa 1452

```

```

<210> 8640
<211> 1316
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (158)...(856)
<223> similar to gil244515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

00403333 040400

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<400> 8640
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cagcccgatc cggggccttt atttctcgtc ggccggcgccc tgcaccgcgc ctgcgaaagc 120
caaacaccag agcaccctag aagggtttaac taaaagaatg ctcattgttg acccagttcc 180
tgtcaagcaa gaggccatgg accctgtctc agtgtcatac ccatctaatt acatggaatc 240
catgaagcct aacaagtatg gggtcattct ctccacacca ttgcctgaga agttctttca 300
gaccccgaaa ggtctgtcgc acggaataca gatggagcca gtggacctca cggatgaaca 360
gcggagttca cccctctcgg ctgggaattc gccctcctct ctgaagttcc cgtcctcaca 420
ccggagagcc tcgcctgggt tgagcatgcc ttcttccagc ccaccgataa aaaaataactc 480
acccctctct ccaggcgtgc agcccttcgg cgtgccgctg tccatgccac cagtgatggc 540
agctgccctc tcgcggcatg gaatacggag cccggggatc ctgcccgtca tccagccggc 600
ggtggtgcag cccgtcccct ttatgtacac aagtcacctc cagcagcctc tcatgggtctc 660
cttatcgagc gagatggaaa attccagtag tagcatgcaa gtacctgtaa ttgaatcata 720
tgagaagcct atatcacaga aaaaaattaa aatagaacct gggatcgaac cacagaggac 780
agattattat cctgaagaaa tgtcaccccc cttaatgaac tcagtgtccc ccccgcaagc 840
attgttgcaa gagtaagtat atttaggtct acccagcatt tgcatagtag tgtgcatctt 900
ggaacctgga gcagaagcac aagatttcac acgtgtgatg tgggtgtgat gaccaggaac 960
ggcttgtgat ctgtggccgc cactggtcca gtaccactgg tcaagatggg agaattctctc 1020
caaaaacaat atgctgttac actgacaacg ttatgacaaa agttacatca agttttcatg 1080
gaatcagtc tccatgattt tgcaccttac cacatgaatt atttttgttt tttttccatt 1140
cttcaggct atgtatactt agtttttcca ttatgagaat ccttgatatag attaaacttg 1200
gtgttctgtg gatcatgtaa agttttcatg tggacacaca tagtccttac agagtgtata 1260
gtatcctgta gaattgctat ccagtaggaa ggctgtgcag tgttggcagc atccat 1316

```

```

<210> 8641
<211> 1806
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (150)...(1230)

```

<223> similar to gi2104968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8641
tcgatgctcc acgtaggagc tggctcggct gccggctgcg gtcagggccca ccgtataaaag      60
agggcggcag acccgagcgc ctaggactcg ccgctgcccc cgccccgccg ccgctgctgc      120
ccccagcccc ggccccaggc gtcccagcca tgggtccgcc aatgctcttg ctcagcctcg      180
gcctcctggc tggctctgtg ccggcgctgg ccgctgcccc ccagaactgc cactgccaca      240
gcgacctgca gcacgtcatc tgcgacaagg tggggctgca gaagatcccc aaggtgtcag      300
agaagaccaa gctgctcaac ctacagcgca acaacttccc ggtgctggct gccaatctgt      360
tccggggccat gccgaacctc gtgtcattgc acctgcagca ctgccagatc cgcgaggtgg      420
ccgcccgtgc cttccgcggc ctcaagcaac ttatctactt gtacctgtcc cataacgaca      480
tccgcgtcgt gcgtgccggg gccttctacg acctgaccga gctgacctac ctctacctgg      540
accacaacaa ggtcactgag ctgccccggg ggttgctctc cccgctggtc aacctcttca      600
tcttgacagt caacaacaac aagatccgtg agctgcgcgc agggcccttc caggagacca      660
aggacctgcg ctggctctac ctgtcggaaa acgctgtgag ctccctgcag cccggggccc      720
tggacgacgt ggagaacctc gccaaattcc acgtggacag gaaccagctg tccagctacc      780
cctcagctgc cctgagcaag ctacgggtgg tggaggagct gaagctgtcc cacaaccccc      840
tgaaaagcat cccggacaat gccttccagt cctttggcag atacctggag accctctggc      900
tggaacaac caacctggag aagttctcag atggtgcctt cctgggtgta accacgctga      960
aacacgtcca tttggagaac aaccgcttga accagctacc ctccaacttc cccttcgaca     1020
gcctggagac cctcgccctt accaataacc cctggaagtg tacctgccag ctccggggcc     1080
ttcggcggtg gctggaagcc aaggcctccc gccagatgc cacctgtgcc tcacctgcca     1140
agttcaaggg ccagcacatc cgtgacacgg acgccttccg caggttctga cccagccagt cctggtgact     1200
agaggtccaa gaaagctggc cgccattaaa caggttctga cccagccagt cctggtgact     1260
ggcctctgcc ttccaccgga gagactactg accttctcac ctccacccat accttctccc     1320
cacagccttt gttgatgcac agagctgcct acacctagac acgtcctggc agggggcctc     1380
gggcactcca ctaccaaccc agctccaccc agcagtgctc tggggagaag gaaggctgag     1440
cctctcccca gccttcatgc ctccccacc ctccagctcc tcttgagaaa gctgttgctg     1500
agaccccccc ccccccccca agtcaatcag aaccacaaca ggttggtcat caggatggcc     1560
accctcccca ggatcatcct tcctctgttc ctctttccct gccacgtgga aacaatcatc     1620
agatccttgc cccacccctt gcttccagaa agggttttaa agcccatgcc ccaactctgc     1680
cagcccccac ctgccaggac gttctagcag gacatcgggt ctttgctgtc catcttccca     1740
tgctgcaatt tcttctgag atttctataa atataaatgt atgtatgtat tataagaaaa     1800
aaaaaa

```

```

<210> 8642
<211> 2036
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2037)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1825)...(566)
<223> similar to gi2431772 in the genepept database release 114,

```



```

<400> 8643
tggatcaatt ctcataggag ccacagcgcg gagactgtga aacatgggtc caaaactggt      60
cacttcccaa atttgtctgc ttcttctggt ggggcttctg gctgtggagg gctcactcca      120
tgtcaaacct ccacagttta cctgggctca ggggtttgac gtccatcagt aggaaccagc      180
tccaatgcac caatgcaatg cgggtaatta acaattatca acggcgatgg aaaaacccaaa      240
atacttttct tcttgcaact tttgctaatt tagttaatgt ttgtggtaac ccaactataa      300
cctgccctca taacagaact ctcaacaatt gtcatcatag tggagtccag gtgcctttaa      360
tgtactgtaa cctcacaact ccaagtccac agaatatctt aaactgcagg tatgcgcaga      420
caccagcaaa catgttctat atagttgcat gtgacaacag ggatcaacga cgggaccctc      480
cacagtatcc agtgggtcca gttcacctgc ataccatcat c                          521

```

```

<210> 8644
<211> 4493
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4417)...(845)
<223> similar to gi5924408 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8644
tttttttttt ttacgggatt gcaatgtatt ctttttttatt aaattataaa actgtttgtca      60
atacatgtgc ttttggaat agtgttttcc tcaagtatct gcttttgtgc agcacttggg      120
tttaaaccaaa caacaaatct cgataccaac ttcttgggct tcaagctatt gagcacttat      180
agccaaacta tcaagtatag ttatgatata gacagtccaa atttatggaa aatattacaa      240
agacaaatgc cttgaaaaga tgacacagtg cagggaaaac tacagctatt aagctgggat      300
aaaaacttag tcaaaatggt ttagtccatt atggctctgc ctaaagcttc aaaggaagaa      360
aatttaagac acttctcatc caaggcactt aaaagagttg caataaagta cttctttgaa      420
tttagtttga gcccaacagt attttttatt cttttttcac attctgactc acactgaaac      480
agtccttgaa ggcagctatt aatgaggaaa aatagttatt gcttcttaat atacatatta      540
caagtacgca aacagaatac agatttcggg cactgaagc aagtaacagg atctgactgc      600
agtgttctgc ttaattctga acaaaaagcc acagactcct ctaaccaggt cccacaaata      660
gagccctcag ttctgaattt gcaccagctg tcccctgggt tctccatgag gacacacgag      720
ctggagtcct accacgtctc catggtgcat tctaactgga gaagaacccat cccggcggcc      780
tggcaggagt ggctagtctg atgccatgca ggcaggcctg ggagagtccg tgctcagaca      840
tctataattc tgtgtcccggt tatcgggcag actggccata gtaaccgcgc ttggagtgtt      900
ctgacagctg ctggcggtac tcctcctcct cggcatcact gccataactt cctctggtat      960
cctgataagg tctggaagga gctttctgtg gctcaggggg tctggaactc gtgtgctggg      1020
gcgtgccagg gtctggcctt tgctgtttga ttggaactgc atagatatca ggatgcttct      1080
gggcaatttc gatccttgca ttctgtgctt cctggagctc ctgcattctc tgtaacctgg      1140
ccttgtgatc catcttctca aatattttga ctttgccag gactgatttg ggagcattat      1200
cttgctctct actgctctct cccacctcct caccctcttg aggagggatg ggagtggagg      1260
gcttcagtat agaccgcca aaggtaggtt ttgctgcaac aggaggagga taacctttgg      1320
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atttgagaaa gtcataggat tcttctttgt tctgggtttt ggccttgggc ggctctggct      1440
tgaatgctgg gggcgggcta ttgtccctaa gttgatcgct gctagcagcc ctctctatct      1500

```

gagctcgtgg	ctctgggctg	ggtttcctta	tgctctcctc	gtgctgcacc	ggctccgagg	1560
agcgggtgat	ggacgacacc	agcggctcct	cggctggctc	atccagctca	ttgtcagtgt	1620
aggcgctcc	ttcacogtcc	gtgtcttcaa	agtcaactgat	gaggcggtcg	tcgcaactca	1680
gatagtctgc	gccccatggca	gttaagtagg	acatgcggtc	ttcggggtca	tcatccatcc	1740
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ttaagctgcc	aaaccagcta	tcattggctg	aatttaggtt	gattgtagct	gtaaaaaggt	1860
gtgcacacgt	ttttttaagc	ttgttggctt	gatcaaataa	ctttcgagaa	ctattgtttg	1920
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aaatcacaat	tgagaaccac	tgggtgtaat	tcaacaggtc	cacagctttc	ggagtcacat	2040
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cagtggattt	ctcagatcct	gcattctttt	gttccgtttt	agcagtttga	aaccagtcag	2160
gtaactcatt	agccaatttt	tccattgcta	tatcagctat	ggggccgaat	aagaccacag	2220
gtctcttgaa	accagcttct	cgcagcaaaa	ccctctcata	agctgggaac	ttggtgctga	2280
cagacacaac	agctgtgagg	tcttcccagc	tttccctcag	gttcttcttc	accccagacc	2340
tctggccacg	cattctccag	aaatctgccc	gggtcccagc	gttgtctctc	tgggcatttt	2400
gaacactggc	catttggtca	gctctgctct	tggttgggat	taagcctttc	tccaactcgt	2460
tcccaatcct	cacagccagc	cagttgcccc	gcttgccgtc	atacagtgtg	tctaccactc	2520
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ctcggtctcg	agctaaaatg	gtcaccattt	cacctttagg	gatttctaac	aggtagagaa	2700
cggcactctc	ccgactaat	cctctgaaat	cctgtgtgtt	caccttcaga	atctggtctc	2760
cttcttgaag	gccctcctgc	tccgcccagg	tcccttcttg	aatgccagca	acaaatatcc	2820
cgacatcatt	gccaccagcc	aaccggaggc	ccacgctgtc	tcccttcttg	aaccttacca	2880
ttttggtatt	agggccatat	attgcttcat	cttcaggact	aggacgaaga	aaagtctctg	2940
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gggttgactc	tatttctgaa	atatcttcta	tttctgagtc	actgtcattt	aatgacggga	3240
tggtgatgag	ggtctgctgg	ctgtctctca	acaccactag	ctgtagtttt	cctcttgact	3300
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ggaaacttct	gccatcaaac	tcgctccatca	cctcaaaagc	cgggtcatcc	tgatccaggg	4020
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cgaccttccc	actttttctg	agctgctgaa	ctgcaaacga	atgaagcaca	tcctccatgg	4140
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ccgggagcac	atcagaaatg	acaattgacg	tttctccatt	ttcaaagtgg	gggttgtctc	4260
tgctctcgga	cactgcaatt	ccaaatcctc	ttttggaatc	ctttttagag	gtcacagtgt	4320
actgttccca	tatcagctct	tccatgcctg	gggcgcggag	ccaacctgac	agctcccggc	4380
ggggtggaaa	cccgcggtct	cctcgcaccg	gcatttcgga	cacaggtccc	gcgtaggcgc	4440
gcagctccgg	accccgcttc	tgcttctgct	cctgctccta	ctcctcctgg	gca	4493

<210> 8645

<211> 1854

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1855)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (781)...(1654)
<223> similar to gi2852630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8645
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tttgggaggc caaggcagggt ggatcacctg aggttgggcg tttgagacca gcctgaccaa 120
catggagaaa ccctgtctct actaaaaaca caaaattagc cgggcgtagt ggcacatgcc 180
tgtaatccca gctacttggg aggctgaggc aggagaattg cttgaacccg ggaggcagag 240
gttgctgtga gctgagattg cgccactgca ctccagcttg ggcaacgaga gcaaaactcc 300
atctctaaaa aaaaaacaaa tgacattcct taaggggccag ggacctttat tgtttagtc 360
caacataattt ggggatttgg gggcgatagc cctactttga attgaaaaca atttgagggt 420
taactgcttg caaactgtca tgggtctcag tctccaacct ctgtggactg taggggagtc 480
aggcaccatt tggcctcctc cccagctctg tgatgtgctg cttctctaga ctgcaggcac 540
cacctgtgtg aaccggacat gaaactgggt tggcctagtg ccaagctgtt gcaggcagct 600
gcagggtgcat ctgcccgggc ctgtgactct gtcaccagca atgtactgcc tttactgctg 660
gaacagttcc acaagcacag tcagagcagc cagcggcgga caatccttga aatgctcctg 720
ggtttcttga agctgcagca gaaatggagc tatgaagaca aagatcaaag gcctctgaat 780
ggcttcaagg accagctgtg ctcaactgga ttcatggctc taacagaccc cagcaccag 840
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tcccagagtt gcagggtggc agcactggaa gcatcaggaa ccctggctgc tctctaccct 1020
gtggccttca gcagccacct cgtacccaag ctgctgagg agctgcgtgt aggggagtca 1080
aatttgacta acggagatga gcccacccaa tgctcccggc atctgtgctg tctgcaagcc 1140
ttgtcagctg tatcaacaca tcccagcatc gtcaaggaga cactgcctct gctgctgcag 1200
catctctggc aagtgaacag agggaatatg gttgcacaat ccagtgcctt tattgctgtc 1260
tgtcagagcc tcagacagat ggcagaaaaa tgtcagcagg accctgagag ttgctggtat 1320
ttccaccaga cagctatacc ttgcctgctt gccttggctg tgcaggcctc tatgccagag 1380
aaggagccct cagttctgag aaaagtacta ttggaggatg aggtgttggc tgccatggtg 1440
tctgtcattg gcactgctac aaccacctg agccctgagt tagctgccca gagtgtgaca 1500
cacattgtgc cctcttctt ggatggcaac gtgtcctttc tgcctgaaaa cagcttcccg 1560
agcagattcc agccattcca ggatggctcc tcagggcaga ggcggctgat tgcaactgctt 1620
atggcctttg tctgtccct gcctcgaaat gtaagtgagc acatttgga agtactgtta 1680
tttaaccttg acaaggtgac tccgggctga aatttgccac aggctaagct gatcttttac 1740
ttccccacc agagaagtta gttctcatcc gtcccggtcc ctgctgccac tatgtactgg 1800
ttctcttgga gttcaagtcg gacgcgtggg tcgacgtnaa ttccggagag ggac 1854

<210> 8646
<211> 6026
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5679)...(4435)

<223> similar to gi3882249 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8646

tggggccaat	aggaagatgg	cggagtcctg	agctgccgct	gagctccagg	cttctggggg	60
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tgtacagagg	ctcacaggac	acctgcatgc	ccaaggcact	ccaccgtatg	tgatcaacct	180
ggatccagca	gtacatgaag	ttccctttcc	tgccaatatt	gatattcgtg	atactgtaaa	240
gtataaagaa	gtaatgaaac	aatatggact	tggaccacaat	ggcggcatag	tgacctcact	300
caatctcttt	gctaccagat	ttgatcaggt	gatgaaatgt	attgagaagg	cccagaacat	360
gtccaaatat	gtgttgattg	acacacctgg	acagattgag	gtattcacct	ggtcagcttc	420
tgggacaatt	atcactgaag	cccttgcatc	ctcatttcca	acagttgtca	tctatgtaat	480
ggacacatcg	agaagtacca	acccagtgcg	cttcattgtc	aacatgctct	atgcctgcag	540
catcttatac	aaaaccaagc	tgcctttcat	tgtgggtcatg	aataaaactg	acatcattga	600
ccacagcttt	gcagtggaat	ggatgcagga	ttttgaggct	ttccaagatg	ccttgaatca	660
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cagctcactc	aggggggggg	gtgtctctgc	tgttctgggt	actggattag	atgaactcct	780
tgtgcaagtt	accagtgcctg	ccgaagaata	tgaaggaggag	tatcgtcctg	aatatgaacg	840
tctgaaaaaa	tcactggcca	acgcagagag	ccaacagcag	agagaacaac	tggaacgcct	900
tcgaaaagat	atgggttctg	tagccttgga	tgcagggact	gccaaagaca	gcttatctcc	960
tgtgtgtcac	ccttctgatt	tgatcctgac	tcgaggaaac	ttggatgaag	aggatgagga	1020
agcagacagc	gatactgatg	acattgacca	cagagttaca	gaggaaagcc	atgaagagcc	1080
agcattccag	aatttttatgc	aagaatcgat	ggcacaatac	tggaagagaa	acaataaata	1140
ggagacttta	gcacacttca	cttgtttcta	gaagtccaga	attttgagcc	tccacgtgaa	1200
agaactgttc	ttacctctga	actgggggct	cccataaggg	ataattttcc	tcagagtagc	1260
aaagtttctc	ttattagaga	aatcttgtga	ctcagatgaa	gtcagggata	gaagaccctt	1320
ggacctggca	ggttaatgct	gattattcct	tggcctttcc	cttgatttta	tgcaagggaag	1380
gatatactga	gctgatactg	ttccaagcct	acaacttcaa	gttttatcat	ttgaactcaa	1440
gtacttttgc	tgctgaggaa	tggaaatcaa	agaacgtagt	ctcctgggtg	ccacctcaga	1500
tctctattat	taggctagat	gtatagcctc	tactccccca	gcttcttgct	cttgaccctg	1560
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cggtaggcaga	gtctccttgg	caatcaacca	acgttgctat	gaaatatgcc	tcacactgta	1680
tagctcatta	taggacgtca	ggtttgattg	aaaaagtggg	caagacatga	ttaatgaatc	1740
agaatcctgt	ttcattgggtg	acttgataaa	agacttttta	attttaactt	tgctctaaga	1800
ctgcttgta	tgatttcaaa	ttagaaaatt	atataattgc	aaacagcttc	acttctcctg	1860
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taaagtttcc	cacgtgcaca	tactgactaa	atacagagct	aggcccagtt	tgtattgtac	1980
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ctttatcttc	cttacagaat	aacttgtctt	ccttatgctt	caagctccaa	aagggtgaag	2640
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caaattttaa	attatatgtt	aaactataac	ctcatttgta	tcatattcat	ttattctcaa	3240
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gtttaacatg	ctggcatcca	tcaccaaggc	atgaagcaac	acatttgcta	atgattccta	3420
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gactgctgtc	ctctgatgac	caagcaaatg	caacaaatga	aatatgcaca	aggctgtcct	3660
tggacagtac	ttgtttgctt	tgctcacaaa	ggagaaaagg	aaagaaacaa	ttgaaaatat	3720
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ggttcccaat	gacctgagcc	aaaaatgaat	caagttaaat	gaaaactgac	atctgatatg	4020
agcatatatt	attagtctat	tcaagcacag	ttttgaagtt	agcaaacatc	taaatcctca	4080
catctctaca	aggtaggtca	aagtatgatt	cttctcagtt	gtacaagata	aatggctgta	4140
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tgcaaaagta	aaatgcaacc	ttgttttggtg	acgtccagtt	cctctggaat	taggaaaaac	4320
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acctttttctg	ttgggtctag	taggtctgga	caaaacatct	ccctcttttc	cttttatatt	4440
ttcctcatcc	tcttcttgca	gcgctgggtg	aaaacagggg	aggaccccat	gaggctgtca	4500
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agttgcttac	taatctgtag	catgtaactg	tgatagtcc	tgatgcggtg	ctgccagaac	4980
ttctggaggg	agagcacact	gccaatcccc	acttcatgga	atacctgctc	catcacatca	5040
ggaaaaggag	tctgtcccag	ccgggcctcc	cggtccacag	caaaacgcag	caacttggtg	5100
aacttaaggc	aatactcatg	tgccacatca	gttagggtct	ccaggacact	ctcattagca	5160
cagtcaaagc	ccgcgtgggc	caggattgtg	gccactgcct	ggtagaggag	ctgccgacag	5220
gagtgccagc	tgagttcagt	cacaggttcc	cctttcccac	gataaaaagtc	actctctggg	5280
tcactgtgcc	ggaatctgga	tgggtgcattg	ggattcttac	aatctaaagg	caggaggtca	5340
tcagggagag	gaggtgaccc	agggcacgag	ggaagaggtt	cactctcttc	agtttttaca	5400
ccttctgtct	gctgctgatt	ctgggcctga	gctgtggcaa	taagggttgcg	aagacgtcgg	5460
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tccaccagac	ggaactcccg	tgggagcaaa	tcgaaggaa	ttctgttggg	ctggcttgat	5640
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ccttgccctt	accgaaagga	gcacgaagaa	caggcacgga	gccaaggaa	tgcccaagtc	5820
cctccagggg	tttctctcgt	cacggtccgc	cggcgaggc	gccaatcaca	gggtcctgag	5880
gtcgcctgac	gttcagggca	gccggaagac	ggggaggtct	ggacctgaac	cgagacaagg	5940
aggtaccaca	ctattcactg	ctgcgtcgca	gagcgggctg	ggcggctgtc	tggacctcga	6000
gaggcctgag	gcaaggatcg	cgtcag				6026

<210> 8647
 <211> 1735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (207)...(1543)
 <223> similar to gi4883433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8647

cagccagggtc	ggccgcccc	accagggtcca	gttccagagc	ccaggccggt	cgcccgggcc	60
cgcgtgccct	cggcgggctg	cgcagagcgc	gggagcgggt	tggggctggg	catgctggga	120
gcccctcggg	caacggccgc	cgccgccaca	gccacacagc	cgccgccact	gcgtccgtcc	180
ccggtgagcg	ccgctgacgc	gcggagatga	aattcccggc	ctcggtgctg	gcgtccgtgt	240
tcctgttcgt	ggccgagaca	acggcggcgc	tcagcctgag	cagcacctac	cgctcgggcg	300
gggaccgcat	gtggcaggcg	ctgacgttgc	ttttctcgct	actgccttgc	gcgctcgtgc	360
agctcacgct	tctcttcgta	caccgcgacc	tcagccgcga	ccgcccgtc	gtactgctgc	420
tgcacctgct	gcaacttggg	ccccttttca	ggtgttttga	agtcttctgc	atctactttc	480
agtcaggcaa	caatgaagag	ccttatgtca	gtatcaccaa	gaagaggcaa	atgccaaaaa	540
atggcctctc	agaggagatt	gagaaggagg	tgggccaggc	agaaggcaaa	ctaatacccc	600
accgatcagc	gttcagccgg	gcgtcgggtga	tccaggcttt	cttgggctca	gccccccagc	660
tgaccctaca	gctgtacata	agtgtcatgc	agcaggacgt	cactgttgga	agaagtctcc	720
tcatgaccat	atccctgttg	tccattgtgt	atggagcctt	gcgctgcaac	atcctagcca	780
tcaaaatcaa	gtacgatgag	tatgaagtca	aagtgaagcc	tctggcctat	gtctgtatct	840
tcctgtggag	gagctttgag	attgccactc	gagttgtagt	cctggtcctc	tttacctccg	900
tcctgaagac	ctgggtggtg	gttataatac	tcatcaactt	cttcagtttc	ttcttgtacc	960
cctggatcct	cttctggtgc	agtggttccc	cattccctga	gaacatagag	aaggccctca	1020
gtagagtggg	caccaccatt	gtactatgct	ttctaacttt	actctatact	ggtatcaaca	1080
tgttctgctg	gtctgctgta	cagctgaaaa	ttgacagccc	tgacctcatc	agcaagtccc	1140
ataattggta	ccagctactg	gtgtattaca	tgataagatt	catcgagaat	gccatcctcc	1200
tcctcctgtg	gtatcttttc	aagactgaca	tctatatgta	tgtgtgcgca	cctctgttgg	1260
tcctgcagct	gctcattggg	tactgcacag	ccattctctt	catgcttgta	ttctatcagt	1320
tcttccaccc	ttgcaaaaag	ctcttttctt	ccagtgtttc	tgaaggcttt	cagaggtggc	1380
tcagggtgtt	ttgctggggc	tgcaggcagc	aaaaaccctg	tgagccgata	ggaaaggaag	1440
atctacagtc	atccagagat	agagatgaga	caccttctag	cagtaaaaaca	agtcctgagc	1500
ctggtcagtt	cttgaatgct	gaagatctct	gctctgctta	atgggaccca	aggtctcaga	1560
gcacaggcat	attattttct	gggtttgata	ctcgttattc	atacaaataa	tgagccctac	1620
acagggaaca	aggcaggaag	ttagctgtta	actccttggt	agctgcttct	ctttatagag	1680
ctcttgggta	tgtagaactg	tatgggaaga	agccaggaaa	acctctgagt	gttgg	1735

<210> 8648
 <211> 2547
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (124)...(1744)
 <223> similar to gi487785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0043323301000

```

<400> 8648
acttggtttc gcttcgctag tcccagaggg ccagagtggc tcgcctggag tctctgtggc      60
gcggtttcct gtacctgcct tgggatccgg agggaggaag ctgggacacc cgaggagtcag      120
gaaatggact cgggtggctt tgaggatgta gatgtgaact tcaccagga ggagtgggct      180
ttgctagatc cttcccagaa gaatctctac agagatgtga tgtgggaaac catgaggaat      240
ctggcctcta tagggaaaaa atggaaggac cagaacatta aagatcacta caaacaccga      300
gggagaaatc taagaagtca tatgttagaa agactctatc aaactaagga tggtagtcag      360
cgtggaggaa tttttagcca gtttgcaa atcagatctga gcaagaaaat ccctggagtg      420
aaactctgtg aaagcattgt atatggagaa gtcagcatgg gtcagtcac ccttaataga      480
cacatcaaag atcacagtgg acatgaacca aaggaatatc aggaatatgg agagaagcca      540
gatacacgta accagtgttg gaaacccttc agttctcacc actcctttcg aacacatgag      600
ataattcaca ctggagagaa actctatgat tgtaaggaat gtggaaaaac cttcttttct      660
ctcaaaagaa ttagaagaca catcatcaca cacagtggat atacaccata taaatgtaag      720
gtgtgtggga aagcttttga ttatcccagt agatttcgaa cacatgaaag aagtcacact      780
ggagagaaac cctatgaatg tcaggaatgt ggaaaagcct tcaattgtat cacaagtgtt      840
cgaagacaca tgataaagca cactggagat ggaccttata aatgtaaggt atgtgggaaa      900
ccctttcatt ctctgagttc atttcaagtg catgaaagaa ttcacactgg agaaaaaccc      960
tttaaatgta agcaatgtgg taaagccttc agttgttccc caaccttacg aatacatgaa     1020
agaaccata ctggagagaa accttatgaa tgcaagcagt gtgggaaggc cttcagttat     1080
ctcccctccc ttcgactaca tgaaagaatt cacactggtg agaaaccctt cgtatgtaaa     1140
caatgtggta aagcctttag atctgccagt ggggaagcat tcagttgtat cccaagtatg     1200
ggagaaaaac cttatgaatg taaggaatgt ggggaagcat tcaattgtat cccaagtatg     1260
cgaagacaca tgataaaaca tactggagaa ggaccttata aatgtaaggt atgtgggaaa     1320
ccctttcatt ctctgagtc atttgcgaata catgaaagaa ctcacactgg agagaaacct     1380
tatgtatgta aacattgtgg taaagctttc gtttcttcaa catcaattcg aatacatgaa     1440
agaactcata ctggagagaa accctatgag tgtaagcaat gtgggaaagc cttcagttat     1500
ctcaactcct ttcgaacaca tgaaatgatt cacactggtg agaaaccctt tgaatgtaag     1560
cgatgtggga aagcctttag atcttctagt tcttttcgac tacatgaaag gactcacact     1620
ggacagaaac cctatcattg caaggaatgt gggaaagcct attcttgccg tgccagcttt     1680
cagagacaca tgtaaacaca tgctggagat ggaccacctt ataaatgcat gtgggaaagc     1740
ctttaatgct ctgggttcat gtcagataca ttaaaatact cactgaagag aagccctatg     1800
aatgtaagta acgtgggaaa gcatgaaatt ctgtcagtgc cttttttaat acatgaaaga     1860
attctagaga gaagccatat acatgtaagt aacatgggaa agcttttcaat catttttagtt     1920
cctttcaaat acatgaaaga actcatcatg gagaaaacca aacaaatgct ttttggaaag     1980
gaaccatat ttgagagaaa ccctgggtaa aggtgttagg aaaggttttg tcatcacaca     2040
accctgtcac acatgaatgt gtagtggaga gaaccttggt aaatgtaaag agtgtgggag     2100
agcctttagt catttttagt ccacttgaag ccatgaaaga acacacaaaa gagaaaagct     2160
cttgaatata agcaatgtcc acacgttttt agccagccca catgctttca acaacatgta     2220
agaatgtacc ctggatcaaa acactataaa tgtgaaaacc tacaaggaag gttttccatt     2280
atacttttaa agtcatttga gggctctggc tctgtggctt tgtgggttaa agtacttgct     2340
tggaacacag gagatgctgg atttcaatcc cagcagggcc tcactagttg aggtattgaa     2400
tttgaacaga tgttttggt ctggctgggt gtggtggctc acacctgtaa tcccagcact     2460
ttgggaggct gaggcaggag gatcacttga ggtcaggagg tttgagacca agtgtgcaaa     2520
acatagcaag acctcatctc agaaaaa
  
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<210> 8649
 <211> 1566
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1472)...(1145)
 <223> similar to gil65023 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8649

tttttttttt	ttgagaaaag	ccggcataaa	gcacttttat	tgcaataata	aaacttgaga	60
ctcataaatg	gtgctggggg	aagggtgcag	caacgatttc	tcaccaaatac	actacacagg	120
acagcaaagg	ggtgagaagg	ggctgagggg	ggaaaagcca	ggaaactgag	atcagcagag	180
ggagccaagc	atcaaaaaac	aggagatgct	gaagctgcga	tgaccagcat	cattttctta	240
agagaacatt	caaggatttg	tcatgatggc	tgggctttca	ctgggtgtta	agtctacaaa	300
cagcaccttc	aattgaaact	gtcaattaaa	gttcttaaga	tttaggaagt	ggtggagcct	360
ggaaagttaa	gagattacaa	aattcctgaa	agtcccttag	aaaaaccca	ggatgaaaaa	420
aaaaaaaggc	cacaaagaag	gcttcagagg	tccctgctgg	cccagggaca	gataacctgta	480
gtgtccagca	ttgcagtga	catgatctac	tttcaaaggc	agagggttta	aggggagggg	540
gggtgggaat	ggtggaggca	aaggctctcc	ccatccccac	ctcagtttta	ggtagggctt	600
ttaatttaac	ccaaagacat	ctctcaactt	ggagagtaat	tcagtcctca	acagcgcttc	660
aaatctgcta	tggctttgca	gcgcagcagc	aagaatgttt	aatatataat	agataaaaaat	720
ttcatccaaa	aaattaaaat	aaaatattct	tgcaaaccac	cccccaaca	ccaattccta	780
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acttgagggt	tatggcatat	agtttaggta	aacacacata	cgaggagaaa	ggggaagagg	960
aaacagaggt	gtcgggaagca	aagctgagtg	acagaacaca	ttcagtcagg	gcagatgtct	1020
atacaaagtg	gagtggaaca	tcaggaaaag	ctccatatgg	actcatgtgc	acatgtctgg	1080
aggcaccaga	tccctccatg	gcagatccaa	gaacagggag	ctaaggaggag	aggccattcc	1140
tgtcattcca	gttttagaag	ctccacatcg	aagacgagag	tggcatgtgg	tgggatgatg	1200
cctgggtgcc	cagtggcacc	ataggcataa	tctggagata	tagtcagttt	ggctctctga	1260
cccacactca	tctgggcaac	cccttcttcc	cagcctcgga	tcacctcctg	cttgectagc	1320
ataaacttaa	agggcttggt	tctgtcccgg	gaggaatcaa	atcttcttcc	atcttcaagc	1380
atcccgggtg	agtgcaccac	gcaggtctgg	ccgcgcttgg	ggaaggtgcg	cccgtctcct	1440
ggggagatgg	tttccacctg	cactcccatg	gcgcgcggcg	acgctgagcg	ggcgggcggc	1500
gcgacgggcg	gcgtggacca	acagcgacct	ggcggcggtt	ccacggctct	gcctagtacc	1560
tcggcg						1566

<210> 8650
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (233)...(431)

<223> similar to gi4062215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8650
ttctatggcc agacccgcac atcgtggcgc atgcaaaagg cgtgcactta cccacatag      60
tgggggggat gttgacgaat gttggcttag tgcccagggt tccctctcac cctaaccctc     120
tccccggtgg ggcgagggga ctgaccgagc gcgttgatag catttgtagg ccgataagg      180
cgttcacgcc gcatccggca ctctttcagc aacatggtta gcggaggcca agatgtttga     240
ttcactggca aaagccggaa aatatttagg tcaggcggcg aagctgatga ttggtatgcc     300
tgattacgac aactatgtcg aacatatgcy ggttaaccat cccgatcaaa cgccgatgac     360
ctacgaagag tttttccgtg agcggcgagga cgcgcgctac ggtggaaaag gcggcgcgcg     420
ctgctgctaa at                                     432

```

```

<210> 8651
<211> 437
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (191)...(424)
<223> similar to gi639720 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8651
ctttgatcac gggctcgccc caaccgacca cgccttcacg gggttcaatt ttcaggaaca      60
tccagcgggg aggtaaacga tacgtggtaa ttttggtgat tttcattgca ctgcctctcg     120
atacgcctta acaaagtctg ctgcctgctg cgcggtgcgc tctacggatt gcccggcgcg     180
atagagatcg ctgcctaagc ccgcccctgc acaacctgcy tctatccact gcgccagggt     240
ttctggcgct acgcccgcga cggcaaagac tgcgatgtcc gatggcaata ccgcttttaa     300
cgctttgatg tattgctggc caaaagccga tgacgggaaat attttcagcg cctgcgcgcc     360
cgcttcgagc gcggtaaagg cttcggtctc cgtcgcgcag ccggggcgag cggtcatccc     420
gtagccccc ccccggc

```

```

<210> 8652
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (371)...(557)
<223> similar to gi5105951 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 8652
agatctggag gaaaggggcc ctttctgcca ggcttcctcc ctgggtcaca aactcacatc 60
tgcttgact cccactgctg tctctctctt tctctctctc tccctcttt ttaactgtcc 120
actaggtttt atggataact cctgagagaa tgtcccagtc tgcttaccat cacattgatc 180
ccgcccacca gcattgaggc tctgcaactgt ctcccctccc ttgctgtcc aaagcccctt 240
ccacccggga ccgtcgcccc tttaactca ggggtactgg tccatctatg ccatgctgag 300
agctgctgcc atgaaaagac ccctggatct caccctctcc agcagctacc tcttctcttt 360
ctagagaaac cacctagaag gacttctac acacaccagc cccacctcct ctttctgtt 420
gtctcttagg cccaaggccc accacagtgc ctttgcccc ccacagtcac ccctgccagg 480
gcaccggcgg ccagcacttg ctccaccaac ctttctcca gaagagcttt tttgggaggg 540
atcctggagc ccgatcctgg tccccctccc atcctcctaa cctcctcctg tctttcttct 600
ccatctgtag gatcttccca ggcaaaagtc cctgtaaata acatccatac ccaagaagct 660
cccaaaatct cacttccagc ccagacctga atactgggtc agctgacacc ttatctggag 720
catcac 726

<210> 8653
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (345)...(12)
<223> similar to gi4062197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8653
tctgcgctgg cttcctgact ttaatatcct gtaataaaga aagggtgccc tgctggacaa 60
aattaaacgc cactttgtcg ccggttttaa ttactcat tttcgtctgc ggggtgatgg 120
taaagcgcat ggtcatctcc ggccagttca cggcagcaat cggatcgtga tggatggtga 180
tttttttgct ttccagatcg atacccttta ccacgccagt ggcgctaata acctgtggtt 240
gtgcttcgct catggtttca tgatgatgtt cgtagcctg ggcattaaag ccaataacgg 300
taaacagact gaacattgcg acttgcaagt cttttttcat ttattctctc aggaaggccg 360
cca 363

<210> 8654
<211> 1669
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (192)...(592)
 <223> similar to gi5912254 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8654

cacgaccggt	cttgagttcc	cgggtcgacg	atttcgtgcc	acctctgcct	gagacctccg	60
gtcgccgcaa	gaagctggag	aggatgtaca	gcgttgaccg	tgtgtctgac	gacatcccta	120
ttcgtacctg	gttccccaag	gaaaatcttt	tcagcttcca	gacagcatcc	acaactatgc	180
aagccatctc	gaacttccgc	aaacacctgc	gcatggctcg	cagccggagg	gtgaaggccc	240
aaacgttcgc	tgagcggcgc	gagcggagct	tcagccggtc	ctggagcgac	cccccccca	300
tgaaagccga	cacttcccac	gactcccag	acagcagtga	cctgcagagc	ttccactgca	360
cgctggacga	ggccttcgag	gacctggact	gggacactga	gaagggcctg	gaggctgtgg	420
cctgcgacac	cgaaggcttc	gtgccaccaa	aggtcatgct	catttcctcc	aaggtgcccc	480
aggctgagta	catccccact	atcatccgcc	gggatgaccc	ctccatcatc	cccctcctct	540
acgacctga	gcacgcaacc	ttcgaggaca	tccttgagga	gatagagagg	aagctgaacg	600
tctaccacaa	gggagccaa	atctggaaaa	tgtctgattt	ctgccaggga	ggtcctggac	660
acctctatct	cctcaagaac	aaggtggcca	cctttgccaa	agtggagaag	gaagaggaca	720
tgattcactt	ctggaagcgg	ctgagccgcc	tgatgagcaa	agtgaaccca	gagccgaacg	780
tcattccacat	catgggctgc	tacattctgg	ggaaccccaa	tggagagaag	ctgttccaga	840
acctcaggac	cctcatgact	ccttataggg	tcaccttcga	gtcacccttg	gagctctcag	900
cccaagggaa	gcagatgatc	gagacgtact	ttgacttccg	gttgtatcgc	ctgtggaaga	960
gccgccagca	ctcgaagctg	ctggactttg	acgacgtcct	gtgaggggca	gaggcctccg	1020
cccagtcacc	atcaggccac	tccctctgca	ccgggacctg	gggctgggcc	gcctcgtgct	1080
ccccgggact	gtgtggctcc	ggtctcgccct	ggagccactt	cagggcacct	cagacgttgc	1140
tcaggttccc	cctgtgggtt	ccggtcctcg	ctgcaccctg	ggccgcagag	gctgcagtcc	1200
ctgggggccc	ggaggatccc	gccctgtggc	ccgtggatgc	tcagcggcca	ggcactgacc	1260
tgccatgcct	cgccctggagg	ctcagctgtg	ggcatccctc	catgggggtc	atagaaataa	1320
gtgcaatttc	tacacccccg	aaacaattca	aagggaagca	gcatttcttg	ttactagtgt	1380
aagcactatg	ctgctagtta	cagtgtaggc	acccctggac	ccggccgcgc	agctgggtgga	1440
ctgtaggggc	tccctgactgg	gcacaggagc	tcccagcttt	tgtccacggc	cagcaggatg	1500
ggctgtcgtg	tatatagctg	gggcgagggg	gcaggccccc	cttgtgcaga	gccaggggtc	1560
tgagggcacc	tggctgtgtt	cccagctgag	ggagggctgg	ggcggggggc	gggcttgga	1620
cgatgtacga	tacctcata	gtgaccatta	aacctgatcc	tccaccgcg		1669

<210> 8655
 <211> 1520
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (133)...(834)
 <223> similar to gi5832945 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8655

```

gcgaccgcgg ctgtgccctc tcctactcct caccgcgcga gcgcggggaa ccagtagccg      60
cggtcgcttc ggttgccgcg gtcggtgggc gttatggatt ctccatggga cgagttggct      120
ctggccttct cccgcacgtc catgtttccc ttttttgaca tcgcgacta tctagtgtca      180
gtgatggcgg tgaaacgtca gccgggagca gctgcattgg catggaagaa tcctatttca      240
agctggttta ctgctatgct ccactgtttt ggtggaggaa ttttatcctg tctactgctt      300
gcagagcctc cattgaagtt tcttgcaaac cacactaaca tattactggc atcttcaatc      360
tggtatatta cttttttttg cccgcatgac ctagtttccc agggctattc atatctacct      420
gttcaactac tggcttcggg aatgaaggaa gtgaccagaa cttggaaaat agtaggtgga      480
gtcacacatg ctaatagcta ttacaaaaat ggctggatag tcatgatagc tattggatgg      540
gcccagagtg caggtggtag cattataacg aattttgaga ggttggtaaa aggagattgg      600
aaaccagaag gtgatgaatg gctgaagatg tcataccctg ccaaggtaac cctgctgggg      660
tcagttatct tcacattcca gcacaccag catctggcaa tatcaaagca taatcttatg      720
ttcctttata ccatctttat tgtggccaca aagataacca tgatgactac acagacttct      780
actatgacat ttgctccttt tgaggataca ttgagttgga tgctatttgg ctggcagcag      840
ccgttttcat catgtgagaa gaaaagtga gcaaagtcac cttccaatgg cgttgggtca      900
ttggcctcaa agccggtaga tgttgccctc gataatgtta aaaagaaaca tactaagaag      960
aatgaataaa tttacgtgat gagctctaca aggccaaaaa ttttttttct tatctacctg     1020
ttatattgtg ctaatttttc tatgtatgtg atgtgaaatg aagactatat atatggaatg     1080
gaggtgacag aaagaaagaa attccttgggt tgagggagac ttcccctttc tggattgtat     1140
ttgtagagtg ttacgagtg atcatgtgat tatgctttac cgttataaga gattctgttg     1200
tgattatttg aatagtttta tattaataaa agaagacaaa attttttaaa tgttagaaaa     1260
agcagatctg tcattgcaaa gtaacaaaaa ttttaagctt ttaaaaatgt agatttttca     1320
tatttttaaa atttgaatct atttgagctt tagttcagca gaattaaatt tttacttgac     1380
attatcatta aaattgctag gtatggagaa caattcctat tttattttga acactgagaa     1440
gagtaaaactt ttcctaaaac actttatatt ataaatgaaa ataaattgct agcttatatt     1500
ttagatataa acatcatatt

```

<210> 8656

<211> 2691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (119)...(1241)

<223> similar to gi1710282 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8656
tgctgctgac actcgctccc aggetgcacc cgccgccctt ggcgcttcat gtacatgtgt      60
ctattcaggc cttgcggagg cgcccagaag agcatccaac acggtcgccg gggaaagacc      120
gccaccatg cccacggaga ccctacagac aggtagcatg gtgaagccgg tcagccccgc      180
gggcaccttc acctctgctg tgcccctgcg catcctgaac aaggggccag actacttccg      240
caggcaggcc gagcccaacc ccaagagget cagcgccgtg gagaggctgg aggccgacaa      300
ggccaagtac gtcaagagcc aggaggtgat caacgccaaag caggagcccg tgaagcccg      360
cgtgctggcc aagcccccg tgtgcccggc tgccaagcgc gactgggca gccccacgt      420
caaagtgttc ggcaaccacg ccaagaccga gagcgccgtg cagagggaga acctgaagct      480
ggagatcctg aagaacatca tcaatagctc cgagggctct agctcgggct cggggcacia      540
gcacagctcc cgcaactggc cgccccaccg gtcggaagcc actgacctgc accgtcactc      600
cttcgcggag tccctgaagg tctacccac gcagggccgc aggagcccg aggagggcgg      660

```


ctccccacgtg	ggcaggagac	tgctggagca	gtcagccgag	tccttctctc	acgtgtccca	720
cagctcttcg	gacatccgca	aggtgaccag	cgtgaagccc	ctcaaggcca	tcccctgcag	780
tagctctgcc	cctcccctgc	ctcccaagcc	caaaatcgca	gccatcgcc	ccatgaagtc	840
ccccgaggcc	gacctgtgg	aaccagcttg	tggagtcagc	cgaagaccct	ccctccagcg	900
gtctaagtca	gacttgagtg	acagatattt	ccgagtgga	gcgagctggg	agaggttctt	960
caactactgt	ggactggacc	cggaagagct	ggaaaaacctg	ggaatggaaa	actttgcaag	1020
ggctaattct	gacataatat	ccctcaactt	ccgcagcgca	agcatgatca	gctcagactg	1080
tgaacagtct	caggacagta	acagtgaacct	tagaaatgat	gacagtgcca	atgaccgcgt	1140
gccgtatggc	atttctgccca	tcgaaagaaa	tgctagaatc	atcaagtggt	tatatagcat	1200
caaaacaagct	agagagtcac	agaaggtctc	ccatgtgtaa	gacagtgcgt	ggaaaggagg	1260
gagcgtgggt	ctctgtgctt	acgcagttgt	gaaggttggt	aggtctcctt	gaagttgtgt	1320
gagcttctcc	actctttgtg	ttgcttggtg	tgcaatgttt	tcaagttgca	tgcttgtaa	1380
catggggact	gacctggctt	ccacgtcacc	atcgctacag	agcctggctg	aaacgcgtc	1440
atctgccaaa	agtttcaggc	cagaatctaa	ttagggcttt	gctcgtaagc	aaaactgttt	1500
acatgaaaat	ggtatacaac	ttcttcgata	tttatgtggt	tcttgtgttt	ttatatcccg	1560
cgctattgtg	tcttaattaa	aagttttatc	aactggcttt	taagttgaga	gcagaatctt	1620
tttgaaataa	aaagccactt	tgctacatg	tgagactatt	ccagtgggac	agtaaattggg	1680
atctgctacc	aaacagataa	tgactgaccg	aacatagaac	caggctgggt	tttctgtgga	1740
ataaagtgggt	gagcctgagc	ttaatcgttt	acatgttgaa	attctcttgc	cacttagtga	1800
agcagtcatt	ggggtaacaa	tgctacgttt	tgtgtccgat	tcagtgtgta	aacgttggtg	1860
gttctatgta	atactgaccc	caaggaaaga	cgatcagata	caaagaaaga	tggttaaata	1920
taggaggttg	ggtgtttggg	ggttttggtg	atgttgttct	gattgggata	attcagaat	1980
tcctaataatt	atctttcgac	agaatgacca	ccctaaaaca	aatactgaat	gccttttaaa	2040
aaaaaaaaaag	gggggggggt	gggggttttt	tttttttttt	ttttggtcga	gaactactaa	2100
tttcatgcta	tttctttctc	tctcccttgg	ttgttatttg	atttggggga	agggagttag	2160
gcttgtgcag	atgttgagcta	tctgaagaca	tgaacagaag	tcaaatacca	gccatatcag	2220
tagagccttc	cattcaaaaag	tgaacacact	ggtagctga	accatatctg	agcagcgtga	2280
ttctgtttgc	ttgcatatgt	tattctctca	ggctgtggat	ctttgttaca	gctctaggaa	2340
actgtagaaa	tacaatgcta	tgtagctttt	ccaccccatg	gtctctagtg	ctgcctatca	2400
acttgtcccc	ttttttccca	ataacctgtc	ttccaggtgg	tacagttagc	tgctcactcag	2460
ctgacacatt	gatgtggcag	cagagaggga	aacctacaag	tggtttgcct	cattgccttt	2520
gccacatctg	aagttctcag	cagcactacc	ttagacttca	tgagctaata	ggaaactttt	2580
tatggtgtaa	atgctgtaa	actttgtaca	tacttcagtt	gttatgaaat	ctttaagaa	2640
aaaaagaaaa	agttacgcta	ataaattgct	gtggtgcagg	caaaaaaaaaa	a	2691

```
<210> 8657
<211> 1561
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(1562)  
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (504)...(1270)
<223> similar to gi3876146 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 8657
atatgacaag gacgaggacc cctatttctag ccagttaaag ctggacagaa tttttaaaag    60
caatgaagcc agttccttgg atatatccac gggctttgct ttgagaagga actgagtagg    120
cagtgagaag agtcgagtga agcctggccc gtgagtgcct caacaactga gatgaacgtc    180
gactcgcttg caggcaagtt gtcactcagc agcgatctga actatatacct gggttccaga    240
aaaggcagag gttcttaccg aaagcagggg aggaagccgc agcccaagga ggtcgtcact    300
tgccgggaag gtggctcggg ccaggctgca ctcaaaaccc gtgctctgtc cactactgcta    360
cggggccaga gccaaaggaag cttccacttc ttccccaga cagccccaac agcggctacc    420
ccaaggagcc agcagccttg tgtcctggga tccccagccc ctgcagaatg acccaccagg    480
atctgagcat cacagccaaa ctcatcaatg gaggtgtagc agggctcgtg ggggtgacct    540
gegtgttccc catcgacttg gccaaagactc gcctgcagaa ccagcatggg aaagccatgt    600
acaaaggaat gatcgactgc ctgatgaaga cggctcgggc ggagggcttc ttcggcatgt    660
accgaggggc tgcagtgaac ctactcttgg tccactccaga gaaggccatc aagctggcgg    720
ccaacgactt tttccggcgg ctgctcatgg aagatgggat gcagcggaac ctgaagatgg    780
agatgcttgc cgggtgtggg gctgggatgt gccaggctgt ggtgacctgt cccatggaaa    840
tgctcaagat tcagctgcag gatgctggac gcctggccgt ccatcatcag ggctcggcct    900
cagcaccctc cacctccagg tcctacacaa ctgggttcggc ttccaccac aggcgcccct    960
ctgccaccct cattgcctgg gagctgctcc gactcaggg cctggctggg ctctacaggg   1020
gcctgggtgc cactctcctc agagacattc ctttctccat catctacttc ccactgtttg   1080
ccaaccttaa caacctgggg ttcaacgagc tcgccggtaa ggcgtccttt gcacattcct   1140
tcgtgtcagg ctgtgtggca ggttccatag ctgcggtcgc agtgacgcct ctagatgttc   1200
tgaaaaactc aatccaaacc ctcaagaaag gcctgggcga ggacatgtac agtgggatca   1260
ccgactgtgc caggtgagag ccagtgtccc ctcaaatggt ggctgggaca ggttcctctg   1320
cgtgggtgtc tgcttagacc agatttagag accaacttga attgctgggc tctgggtttc   1380
tttgaagtct gtctttccct cacctctcaa agaaaacaga atgtactggg agcctttttc   1440
ttcttcttgg catccctaca gcactcttca ccaaagattc tagccacatc aagcctgttt   1500
ccaaggcctt gaccanctg cataagtaac caacctgcat gcacctagcg ggcgaggcac   1560
a

```

```

<210> 8658
<211> 2515
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2314)...(1617)
<223> similar to gi567232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8658
tttttttttt ttggcattct tgacatttta attagagcag aaataaacta ctaaatattt    60
tattttctaag caaaacagag ctccagcata aatcctgttt gtctgagaaa ttcacaatac    120
atttttagaaa tccaatggat acattcaaaa tgttatctaa taaataacaa ggtcaggtct    180
actccaaatc taagaatctg atttaaacad aagggggcaa aaaactacca gggctttttt    240
ttttttgggtg gttataaaca atacttgata ttttaagcaac acagtcacac tgcttttaac    300
ttagttgcag agatctacaa tttattatta ttttcagtgt tagagctaga gggtaatttt    360
ttcaaagatg gactcaact ccacttattt acctgtcaac aaatacagaa ctgaactgtt    420
agccataagc actttacaaa cagactcagg aaactatgca gtagacaatg acatagctta    480

```

```

accagactct gaaaaagaga tacatat tttt gattcacact tgtacaaaga gaacagtcac 540
gtctgcatga cttaaggttc cctaaacaca actgttttat gtttagacc cctggagtg 600
gccagtttac cacatcaggg aggaatcaag ggatgtgtgt gctccttcta aagaaccaag 660
ggcaagtggg gtgggggtgg ctacaggga cgctctgggc aaaagagctg cctcaggttt 720
ttgtgggaat gaaaattact tgttgcagtt aagcaattcc taggtttat ctagtttgag 780
gttcaaaaca aaggagagaa ttatttcctt cctcgagctc ttcccaaagc aatatgcaca 840
tctcataatc aaatctcaag tagtacaag agataatcaa ttatctaaaa atttaattta 900
catacatgtt ggcctggatt aaaaacaaaa aagttagttt ccataaatag cagactttag 960
tgctgtatga cccaatgact aaaaataaaa ccaggaagtt tttactaaaa gctcaaggat 1020
aaaaatgaac actggctggc tattgaactc cacatctgac aataattact gacagtttaa 1080
aaatgtatat ccaaaatata accctcaaga ggaccaggtt tatttgcctg acagagcagc 1140
tcaaatgtt gaggcacatc ttgtttggat tatgatgggt tattctcgaa gtttattat 1200
ttagaagggg aaagtgttt atagaaaaat acttggaat aatttgccca atgaagttgc 1260
agattcctaa caataatcca catcttagat ttttaagtgt gtatgttcat agtttaaca 1320
aattctgtca aagaactatt caatatactt tatcacttta actttccatg aaaaccaaat 1380
aaaaatcaca tccgaatgat ttacttctat gcttttatct gattgtatac atatgatgta 1440
ctacgcatcc aagtacaaga ggcagttatc ttctctgaga ggtgcaagag ttgttcttc 1500
atgaatgccc tctaatagtg aaaccagcaa tttttatata tgcattcatg tgcataata 1560
tgtacttcaa aaagcaaagc gtcactctct cgtccattgt taacttaatg gtaagaatgg 1620
gggccaccag gcattgggtg agcaccagaa ggtcctgaag gcacttgga aggattactg 1680
ggagtaggat agagtcttg tgtgggatac gatcctgtag ggcaggata tgggtgctgt 1740
ggtccccagg ctctggtgg aacggtgccc catggaacag gtgtgctgc cccaggggt 1800
tggggaggag agagtcttg atatgggcct ggagatggat atggcatatt aggggtagga 1860
tactgccctc ccattcctgg cgcccaaggt ccagaagaca tggatcccca tggacctaaa 1920
ggaccagctg cagctggatc tgtgggtgca ccatatggtc tgggtagctc tggaaagggc 1980
atatttggtg taggatatgg ccctgtgggg ccagggcccg gcacagttgg ggctggataa 2040
ggaccaccag gtgggggaca tgatggtccg gaaggaggaa aggtgctgg aaaaggcaca 2100
ggtggtccgg tgggaggcac ggagggatac attcctgttg gtgctggtcc aaaaggcaca 2160
gtggaggggtg ttgcacttgg tgggagtcca gatggcactg aagatggagc actcggatta 2220
ttccaaggtt tggagcctgg ccagccttga ggaggttggc caggttttgt attgtcaca 2280
gcagaggttt tggcagggga gtgttcaggt agtgcactg ccaacgaaaa ttcacagac 2340
attttcccgg caatatccga gaccgcagta gggctagaa gcggcgatgg gtccgagga 2400
ctgggccctg aagacgcggg cgagcctga ctgacggcag ctagagcagc ggcggcaaca 2460
gcaccagcag cgcgcggctc ctctgacgc gatagtcgac ccggaattc ggaac 2515

```

```

<210> 8659
<211> 1248
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (297)...(801)
<223> similar to gi3688392 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8659
agggcaagtg ccagggggggc acaaggctgg gcatgtggct ggcagtagac ggtgtctgag 60
taatgtcagg cacctggagg cattgacccc aggaccttgg acccagacc tctgaccgtg 120
gggcagccag cgtccaggta ccccaacccc tggcctgggt ccggcgtccc cccattagt 180

```

agtcttggct	ctacttatag	catctgacac	cagaggggcc	gaaaatagcc	cctggagaag	240
ggggaggagg	gggctattta	aagggcctgg	gaggggagag	agaatgagga	gtgatcatgg	300
ctacctcaga	gctgagctgc	gaggtgtcgg	aggagaactg	tgagcgccgg	gaggccttct	360
gggcagaatg	gaaggatctg	acactgtcca	cacggcccga	ggagggctgc	tccctgcatg	420
aggaggacac	ccagagacat	gagacctacc	accagcaggg	gcagtgccag	gtgctgggtc	480
agcgctcgcc	ctggctgatg	atgcggatgg	gcatectcgg	ccgtgggctg	caggagtacc	540
agctgcccta	ccagcgggta	ctgccgctgc	ccatcttcac	ccctgccaa	atgggcgcca	600
ccaaggagga	gcgtgaggac	acccccatcc	agcttcagga	gctgctggcg	ctggagacag	660
ccctgggtgg	ccagtgtgtg	gaccgccagg	aggtggctga	gatcacaag	cagctgcccc	720
ctgtggtgcc	tgctagcaag	cccgggtcac	ttcgctcgctc	cctgtcccgc	tccatgtccc	780
aggaagcaca	gagaggctga	gagggactgt	gacttgggct	ccgctgtgcc	cgccctgggc	840
tgggcccctt	ctggctagga	ctgtggaggg	gagctgctgg	ccatggctgc	tttgtagttt	900
gccagagtt	gggggctagg	ggagggggga	gccagaggcc	aggatgcctg	agccccctga	960
gttcccaaag	ggaggtggc	agagacagt	ggcactaagg	gtggagagtt	gggggccagc	1020
acagctgagg	accctcagcc	ccaggagaag	ggacaaaagg	tactggtgag	ggcaagaggt	1080
gcctgggagg	agtggccctg	atccaggaaa	atgtgagggg	aatctggaac	gctctaggca	1140
gaagaagctg	ggagggaggg	ggaggtgaaa	agggcagagg	caaggatggt	ggggcccca	1200
gcaccctctg	ttagtccgc	aataaatgct	caatcatgaa	aaaaaaaa		1248

<210> 8660

<211> 1863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (532)...(1192)

<223> similar to gi4678927 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8660

aaatgagtct	tgtctgaatt	gtgcggaaga	catgaggcac	tgagagaggt	gggggccgag	60
tggcctcctc	ccacctgctc	cccaaacatc	tgctctgggc	tgcagcaagc	tggcaataca	120
gattggtccc	tgactatggc	tccccagagc	ctgccttcat	ctaggatggc	tcctctgggc	180
atgctgcttg	ggctgctgat	ggccgcctgc	ttcaccttct	gcctcagtca	tcagaaacctg	240
aaggagtttg	ccctgaccaa	cccagagaag	agcagcacca	aagaaacgga	gagaaaagaa	300
accaaagccg	aggaggagct	ggatgccgaa	gtcctggagg	tgttccaccc	gacgcatgag	360
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cagactgggg	aaagagaggg	aaaactccaa	tatgaggaca	agttccgaaa	taatttgaaa	480
ggcaaaaggc	tggatatcaa	caccaacacc	tacacatctc	aggatctcaa	gagtgcactg	540
gcaaaattca	aggagggggc	agagatggag	agttcaaagg	aagacaaggc	aaggcaggct	600
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ctgctgcgcc	acttccccta	tgcccagcgg	cagttcctga	agctcggggg	gctgcaggtc	1080
ctgaggaccc	tggtgcagga	gaagggcacg	gaggtgctcg	ccgtgcgcgt	ggtcacactg	1140

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cagggctggt	gcgagatcac	ggtccacctc	ctggcgctgc	ccgagcatga	tgcccgtgag	1320
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cagggctcag	cccagggcag	ccaggaacag	gctccagggc	aggaacctgg	gcccaggagt	1800
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ctg						1863

<210> 8661
 <211> 1471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1104)...(548)
 <223> similar to gi4982472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8661						
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agatatgaag	aaatcctcca	tccttcttca	acattttact	gggtatttca	acttcaaaag	180
aacagcttat	ttctataagt	gctgtacaag	atcatagatt	atgatggaac	gacttcattt	240
tagaacgtta	gcaaaactgt	tatactaaat	gtcaatgaca	ggaacaaaag	aaaaaaattt	300
gttcaattat	atTTTTaaac	atattgttat	tctcaacaaa	cggaatttta	aaacgaatac	360
aattttccat	tatcaaaagc	aaacactcta	tttcgcagtt	gaacaatgat	cactgatcac	420
aaatatcaaa	tacagtgtcc	cccgccccca	atcgacatca	ttttcaactt	aggaccctgg	480
catctactcc	ttgggggtacc	tgtgactctc	ttttacaccc	ccaaggggtct	gcctcagatc	540
tacttaaggg	gcggaataac	ccctagcacc	tgaattgagg	atagcctcaa	cctctgcatc	600
atcgctccgaa	tcccagtcag	aattacaagg	ccagtcttta	gagcatcggt	tacgaaccct	660
tgccacaaaa	tgcatgactt	tcagtttgct	cgattccacg	tgtgctcggg	gccccagaa	720
gaactcatac	tccaccggac	tgctacgggg	caccggttta	taaatcaggt	accctctgcg	780
cacaaactct	tctgtgacga	tcttcttcgg	atctccaaag	atgctgtgct	gacgtccagg	840
ctgcattcct	aacttccccca	gcactttcca	gaccagagct	tccttggcgc	tgttgcccat	900
gatgaagatg	agcgctaata	tagacatcag	gagacttttc	ttggtgccct	gaaaattgct	960
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cgctaccaca	gaggcggcca	taggggtctc	ggaggcctct	gaggcctgga	ttttgcgatt	1140
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cttcaggaag	caacagcttt	ataccgtaag	aagctgctgc	cgctgaagct	accaatgtca	1320
atagagtctt	tgtagcaata	aacaagccgt	tctcagctac	aaagggtagt	tcccacgcca	1380
gctgacttgc	gcgagcagcc	gccgccagca	cttgccgcag	ctgcaagccc	gcgagaaaagc	1440

<210> 8663
<211> 3789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (79)...(2059)
<223> similar to gi535032 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8663
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aaccgggagc tgcttacaca catcctggac ggcagccccg agaaaacccg gcgcgcgcca 180
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actcgcagcc agcgttatga ggtggctgtc aggaaaagt ccacatggt gaagaagatg 300
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gcaactgcgg agcagcagga gcgcttcttc atgcccgcct ggaacttga gatcattggc 480
acttatgccc agacagagat gggatcatgga actcaccttc gaggttga aaccacagcc 540
acgtatgacc ctgaaaccca ggagttcatt ctcaacagtc ctactgtgac ctccattaaa 600
tggtggcctg gtgggcttgg aaagacttca aatcatgcaa tagttcttgc ccagctcatc 660
actaaggggg aatgctatgg attacatgcc tttatcgta ctattcgta aatcgggacc 720
cataagcctt tgccaggaat taccgttggg gacatcgcc ccaaatttgg ttatgatgag 780
atagacaatg gctacctcaa aatggacaac catcgtattc ccagagaaaa catgctgatg 840
aagtatgccc aggtgaagcc tgatggcaca tacgtgaaac cgctgagtaa caagctgact 900
tacgggacca tggtgtttgt caggtccttc cttgtgggag aagctgctcg ggctctgtct 960
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gctggactga aggctttcac ctctggact gcaaacactg gcattgaagc atgtcggatg 1260
gcttgtggtg ggcattggcta ttctcattgc agtggctctc caaatattta tgtcaatttc 1320
acccaagct gtacctttga gggagaaaac actgtcatga tgctccagac ggtaggttc 1380
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gtggatatca acagccccga aagcctaacc gaagcatata aactccgtgc agccagatta 1560
gtagaaattg ctgcaaaaaa ccttcaaaaa gaagtgattc acagaaaaag caaggaggtg 1620
gcttggaaac taacttctgt tgacctgtt cgagcaagt aggcacattg ccactatgtg 1680
gtagttaagc tcttttcaga aaaactctc aaaattcaag ataaagccat tcaagctgtc 1740
ttaaggagtt tatgtctgct gtattctctg tatggaatca gtcagaacgc gggggatttc 1800
cttcagggga gcatcatgac agagcctcag attacacaag taaaccagcg tgtaaaggag 1860
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ctattcatgc	tagcattttt	ccaacgaggg	aacttattcc	gcacgggcct	actgtaggac	2700
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agattactgt	atttggcatt	aaaaaaaaat	gtcacttagg	tcagcactcc	cagacgtagc	2940
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atcagtcctg	agaatatggc	ttaattccat	ggaaacataa	ctcctatctt	gggacctgac	3360
ataatatcta	tctatcctgg	ggaactggta	atatgagact	tataggttac	agcagaaatg	3420
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ccagttgcat	agatgggatg	tctttgcagg	tttgaggaga	tcatcgacct	gcagagcccc	3720
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<210> 8664
<211> 1944
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (1873)...(1342)
<223> similar to gi4929709 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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cagagagtaa atgcatgtcg gggagctgag gggacagaga cagcctagag gcccaagtca 480
taagtccac tccttcccca gttctgagta gaaacttttc ttcccaagac tagaatggag 540
ttttagtttt aggaactggc tttgctccag gacacagaga agacaaacca ggcaacgac 600
ccacaggtag taagggtgga cagttaaggt agctaactaa gagatggaca ctgcccactg 660
cagttttgaa gctatatgcc agatcagggg acagaatgca ttttatatgc cctgttcaat 720
acaattttaa tcgctgtttc ttccatgttg tcccttccct atgaactatt cccaaagcct 780
cttccaaggc agaggacagg gcagtaagaa ggaatggaag aaaacactga ggtcactaag 840
tgggggttag gcttagattg gataaatccc taccatccc cgccccact cgttctatag 900
aaaagaattc tccttctctc tccccttgct gggctgttg gatgagggcc aggtagaggc 960
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cacaaacaga atggagattt aaggatccct gtgatcccc agatgaccct gagagcatcg 1260
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ataggagctg ccaatcacat agaaatagag atctatactg cttttgtata ccactgtcag 1680
gccttccaag agggcaattt cactgtcagt ccgatgggtc ttgttgaaaa tgttcttctc 1740
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atctccatca ttgtccagaa tcaggatggc tttgacagta tacagggaag gttccaaaat 1860
cagcgctcc atcttgccc gcagcggacg cgtgggtcgn cgcngttttt cangngcatc 1920
agcgaggcta tcattttacc ccgt 1944

```

<210> 8665
 <211> 3589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (822)...(2356)
 <223> similar to gi3002953 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gctggtctca ggaggagatg accgccgggt tctgctatgg cacatggaac aagccatcca 300
ctccagggtc aagccatac agctgaaagg agagcaccat tccaacattt tttgctggc 360
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tgatgttgaa agcagtgaga cattggacgt gtttgtcat gaagatgcag tatatggctt 480
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```

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aaaaggaagg	agtgggactc	tggaacattc	gaaaacctca	gagttctctc	ctgcgctatg	720
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tgtttcagtt	tgacaatcag	gtttacttca	actcatgcac	catgaaaagc	tgctgttttg	900
caggagatcg	tgaccagtat	atccttttcg	gctctgatga	cttcaacctg	tacatgtgga	960
gaattcctgc	agatccagaa	gcaggtggca	ttggtagggt	ggtcaacgga	gccttcatgg	1020
tgctgaaagg	gcatcgatct	attgttaacc	aagtcggatt	taatccccac	acctacatga	1080
tctgctcttc	tggtgtagaa	aagattatca	agatctggag	cccatacaag	cagccaggat	1140
gtactggaga	cctgcagcgt	cggattgagg	acgattcccc	ctgcctctat	acccatgaag	1200
agtacatcag	ccttgtgctg	aacagtggga	gtggcctgtc	gcatgactac	gccaaccagt	1260
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ttgtagattt	atgctgggaa	gaatggagaa	tggaacagg	ccttcagccc	attggctgcg	3420
ctggagagga	aagcatgggt	cctttcttaa	agaaatcttc	catgttttct	ctaagtaaca	3480
cttctttatt	gagcatttaa	tgtggacata	ctataaaaaa	gaatttttaa	tgctaattgag	3540
aggttttagca	cttaagatca	gattcaagag	aatataggtt	cctgataaa		3580

<211> 676
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (538)...(285)
 <223> similar to gi3877369 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8666
 tttttttttt ttgaagagag cagattctct ttattgagat acgggacaca gcgaagggtg 60
 gagagacgga acagccccc agcctcagcc ctctccacgg gggccggatg ccagagatgg 120
 gagaagggat tcagtctctc gcccgggaaa cccagtccca cagagggcgc cggcaagggt 180
 gggacgcgac ctgggtgaca cggtgacagg agtctttaaa tagaggagg gctggagcgg 240
 ggaaacgcgc cggggcccta gcgcaccatg tattccttgc gcttattgag ccgaacttgg 300
 cagaaagaga agcctccgag gaggaggtaa aggcctgcag cgatgaaaca gttgtagctg 360
 acttgctcgt aaaggttgta tatgttctgg gggccattct caaaatcttt ctccgtgaag 420
 ggaacgtcct caatcaacac agcggaatgg acattgaaaa atattccgag cattatcaac 480
 atgatcactc cccaggcgct gaggacgatg ccgcaggcgg ccagcttcgg cccacagcac 540
 aggagcgacg ccataaagaa gggagtcggg gatcgccgag gtgcaagcgg gctcggaaaag 600
 cgggtgggaga aagcccagga tgccctcgcc cacgcgtccg cccacgcgtc cgcccacgcg 660
 tccgcccacg cgtccg 676

<210> 8667
 <211> 5381
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1325)...(2851)
 <223> similar to gi3309537 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8667
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 ggctgggtgt ggtggcgggt gcctgtggtc ccagctgctc gggaggctga ggtgggagag 240
 tggcttgagc ctgggagggc gaggttgctg tgagccgaga tcgcgccact gcactccagc 300
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 gatactagag gttgcacagt gctgagaaat atgaggttct gacctagcca gagtggagag 420
 aactttttta catcataggc attcaattga aaaaccacac cttaggggaa agaaccacct 480
 cctagagtaa agactactct aggcagggtg tgggtggtca cacctgtaat cccagaactt 540
 tgggaggcca aggtgggcga atcacgaggt caggagtgtg agactggcct ggccaatatg 600
 gtgaaacccc gtctctacca aaaatataaa aattagctgg gtgtggtggc aggtgcctgt 660

agtcccagct	actcaggagg	ctgaggtggg	agaattgctt	gaacctggga	ggcggaggtt	720
gcagtgaacc	gagatcacgc	cactgcactc	cagcctgggt	gacagaccga	gactccatct	780
caaaaaaaaa	aaaaaccaa	aacaaaaaac	caaaaaacca	cccaggggtc	ttgttaaaat	840
gcagatgttg	aatcagtagg	tctggtgggt	cggcctgaga	ttctgcattt	ccagcaagct	900
cccaggagat	gccagtgtcg	gtgggtagag	gtaggaggag	tcctgctctg	cagttatctg	960
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tgcctgggat	gctggccccg	gcagctggcc	ctgcctttga	cagtgacct	gagatctccg	1080
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gtgcatcagg	aatgggtgta	tgggtgtgtg	tgggtgggtg	tgagtgtggg	tgtgtacgta	5340
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<210> 8668

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (459)...(816)

<223> similar to gi2827473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8668

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acttgaggag	actgttgctc	aatttaagaa	agcacagcta	ttggaaagcc	aggaaacaga	120
cccagagagg	cggatgcata	tgggagcaaa	gagctttggg	cagcctttta	gctgaggaag	180
tggagaggct	ggcggcgatg	cgttctgact	ccctcgctcc	aggcaccac	acccaccca	240
tccgcaggag	aagtaagttt	gccaacctgg	gaaggatttt	caagccttgg	aaatggagga	300
agaagaaaag	cgaaaagtcc	aaacacacgt	cagcagccct	ggaaaggaaa	atatctatga	360
ggcaaagcag	agaagagctg	ataaagcgag	gagtcctgaa	ggaaatctat	gataaagatg	420
gggaactctc	tatatccaat	gaagaggact	ccctagaaaa	tgggcagtc	ctgagctcca	480
gccagctgtc	tctgcctgcc	ctgtccgaaa	tggagccagt	cccaatgccc	agggatccct	540
gctcatatga	ggtgctccaa	ccgtcagaca	tcattggatg	gccagatcct	ggcgcccctg	600
tgaaattgcc	ttgtctgcca	gtgaaactgt	cgctccgct	acctccaaag	aaagtcatga	660
tctgtatgcc	cgtggggggg	ccagacctct	cactgggtgc	ctacacagcc	caaaagagt	720
gccagcagg	tgtggcccag	caccaccaca	ctgtcctgcc	ctcccagatc	cagcaccagc	780
tgcagtacgg	cagccacggc	cagcacctcc	cctccaccac	cggtccctc	cccatgcacc	840
cctcgggctg	cagaatgata	gacgagctca	acaaaacgct	ggccatgacc	atgcagaggc	900

tggaagctc	tgagcagcgg	gtcccctggt	ccactttctta	ccacagctct	gggttgcaact	960
cgggtgatgg	ggtcacccaaa	gcaggaccta	tgggccttcc	agaaataaga	caagtgccaa	1020
ctgttgat	tgaatgtgat	gacaataaag	aaaatgtgcc	tcatgagtca	gactacgaag	1080
actcttcttg	cctgtataca	agagaagagg	aggaagagga	ggaggacgaa	gacgacgaca	1140
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aaccagcaa	caggccctcc	aagcgagagc	tggaagaaaa	gaacatcctt	cccaggcaga	1260
cggatgagga	gcggctggag	ctgaggcaac	agattggcac	caagctca		1308

<210> 8669
 <211> 1139
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (66)...(1142)
 <223> similar to gi3378206 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8669	
ttcccgggtc	gacgatttctg tccagggcgg acaggctggg cgcacccgtg ctcgcgcacc 60
ccaagatggc	tgagagggcag gaagagcaga gagggagccc gcccttgagg gcggaaggca 120
aggccgacgc	ggaggttaag ctcatctgt accattggac gcattccttc agctctcaaa 180
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ccttgagtga	gcacaatgag ccttggttta tgcgtttgaa ctcaactgga gaagtgcctg 300
tccttatcca	cggggaaaaac ataatttctg aggccactca gatcattgat tatcttgaac 360
agactttcct	ggatgaaaga acacccaggt taatgcctga taaagaaagc atgtattacc 420
cacgggtaca	acattaccga gagctgcttg actccttgcc aatggatgcc tatacacatg 480
gctgcatttt	acatcctgag ttaactgtgg actccatgat cccggcttat gcaactacaa 540
ggattcgtag	ccaaattgga aacacagagt ctgagctgaa gaaacttgct gaagaaaacc 600
cagatttaca	agaagcatatc attgcaaaac agaaacgact taaatcaaag ctgcttgatc 660
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tctgcggtga	atccttcacc ctggcagacg tctcactcgc tgtcacattg catcgactga 840
agttcctggg	gtttgcaagg agaaactggg gaaacggaaa gcgaccaaac ttggaaacct 900
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<210> 8670
 <211> 2773
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (83)...(1512)
 <223> similar to gi5106795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8670
acgcgctggg ccgcgggcag cgctgcctca cgcggagcag agctgagctg aagcgggacc 60
cggagcccga gcagccgcg ccattggcaat caaatctctg gaagtcata agcccttctg 120
tgtcatcctg ccggaattc agaagccaga gaggaagatt cagttaagg agaaagtgtc 180
gtggaccgct atcaccctct ttatcttctt agtgtgctgc cagattcccc tgtttgggat 240
catgtcttca gattcagctg accctttcta ttggatgaga gtgattctag cctctaacag 300
aggcacattg atggagctag ggatctctcc tattgtcacg tctggcctta taatgcaact 360
cttggtggc gccaaagataa ttgaagttgg tgacacccca aaagaccgag ctctcttcaa 420
cggagcccaa aagttatttg gcatgatcat tactatcggc cagtctatcg tgtatgtgat 480
gaccgggatg tatggggacc cttctgaaat ggggtgctgga atttgctgc taatcaccat 540
tcagctcttt gttgctggct taattgtcct acttttggat gaactcctgc aaaaaggata 600
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gaaggcattc agccccacta ctgtcaacac tggccgagga atggaatttg aaggtgctat 720
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cagcagagtt ggg

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00433725 "012100

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<210> 8671
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (715)...(358)
<223> similar to gi2739294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8671
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accttccatg cagctggggg ctgcatcctc tgtggggtgg cttcacctc tgtgggggtct    180
gtggggcctg ctccaagtca tcagcattcc atgcccacct ggacctgggtc ccagactttc    240
ggggaagccc tcagcctggg gctcctggca cccccgttgc ggctggggaa gagagggtgtg    300
gaatcccag agaaagggaa ggaaaggcat gaggggcctt ccctgggggg aaggtcacag    360
gctgggggct aagatgacgg ccaggaggct cagggccagc cccaggctga gggcactgtg    420
ggcgaggcg gtgcgggtgg gtgcagcgtt gtgcagcttc tcattgcaca ggtcctcctg    480
gcagcactgg gtggagctgg tgccgctgct gacctggcct tgcagggtgt agctgggtgt    540
gcacgactcc gcacagtcct tcttcaccag attccccctc agaggctcca ctgtgttcgt    600
ggtcttgcag aagcgagagc tggccgggca gaccacagaa tgcttgagct tgctggagct    660
ggtgcacacg tggcagcgca gggtaagggc tggccctgta gccacagcca gggttcaagg    720
acacaatcgc ggcgcgtggg cgaccggaat tcgggcgggtc gaagg                    765

```

```

<210> 8672
<211> 1544
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1545)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (459)...(1208)
<223> similar to gi3873700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8672

```



```

cgctgcagga attcggcacg agggcacgcg ggactgctac gaggtgctgg gcgtgagccg      60
ctcggcgggc aaggcggaga tcgcgcgggc ctaccgccag ctggcccggc gctaccaccc      120
tgaccgctac cggccccagc ccggagacga gggccccggg cggacgcgcg agagcgccga      180
ggaggctttc ctgctggtgg caaccgccta cgagacactc aagtcctcct gcatatgccc      240
aagaggattg ggagtggaat ggacaccagc agaagcacca cagttattcc tgtagagatt      300
agaaacaagg agcttattgc cctgcttgct aaggctcagg acagacagga ggaagaaaca      360
agtataaagg ttttggtttt ggaaagaagt tggaatctcc agaccctggg accttaagat      420
ccacaaaatt gctgaaagaa aaagtnctcc cttattgaaa ggatgaagaa acacgaaaag      480
attatgatta catgctggat catccagaag agtactacag ccattactac cactactata      540
gcaggcgctt ggcccctaag gtggatgtta gagtagtgat tttggtcagc gtgtgtgcta      600
tttcggtggt tcagtttttc agctggtgga atagctacaa taaggcaatc agctacctag      660
ccacagtgcc caagtaccgt atccaagcta cagagattgc caagcagcag ggactgctca      720
aaaaagccaa agaaaaaggc aaaaacaaaa agtccaaaga agaaattcgt gacgaggagg      780
agaacatcat aaagaacatt ataaaaagta aaatagatat aaaggggggc tatcagaaac      840
cccaaatctg tgatcttctc ctgtttcaaa ttatcttagc tccttttcac ctatgctcat      900
atatagtttg gtattgtcgg tggatctata attttaacat caaaggcaaa gaatatggag      960
aggaagagag attatacatt atacgtaaat ctatgaagat gtcaaagtct caatttgata     1020
gtctagaaga tcatcagaaa gaaacttttc ttaaacgaga gctctggatc aaggagaatt     1080
atgaggtcta caagcaagaa caagaggaag aattaaagaa aaagttggca aatgacccca     1140
gatggaagag atacaggaga tggatgaaga atgaagggcc tgggcgggta acatttggg      1200
atgactgaag attgatggaa tgctactatg ccaaacctta attgtgatat tattttcata     1260
actgaattat tttagaaatg tatcaattga ctgctgctca gcagtaacta aaattcctca     1320
agtatttgat taaacagaat aatgtcaaaa tttaaacctt cccttaaaac tttatacata     1380
agacatttat gattgttcaa tttttataat ctatttgtgg attttgttaa aagatttcac     1440
atgaagattt attagtggcc atttaaaatt tttatatgtt tagttaaaag atttgacatg     1500
aaaatctatt agataccatt taaaaatttt aaaaaaaaaa aaaa                        1544

```

<210> 8673

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (259)...(833)

<223> similar to gi498721 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8673

```

cttttttttt tttctactta tttcttgccc tttttttcat attgctcata tttgagaatt      60
ttctaagcca ttcacttctc atatgcttta cttcaagatt ttctatatct attttagaag      120
ttgtattgct tttgtacat acaaccgtat gatgttttta ccttcttatt tttcagacat      180
gcagtgcagg tgtcagacca agaagttatt accaaaaaat ggcatttttg agagagaaat      240
agcccaattg gaaataatga gaatttgtaa aaaccacagc cttgactgtt tatgttttag      300
agggtgactgg gaaggcaaca ctgagtttca aacacttcaa gataatcaag aggaatgctt      360
caagcaggtg atacgcacct gtgaaaaaag gccactttt aaccagcata cagtgtttaa      420
tctacaccag agacttaata caggagacaa actgaatgaa tttaaagaac tggggaaagc      480
ctttatttct ggttcagatc atactcaaca tcagttaatt cacacaagtg agaaattctg      540
tgagataaaa gaatgtggga atacctttct tcctgattca gaagttattc aatatcagac      600
agttcacact gttaagaaaa catatgaatg taaagaatgt gggaagtctt ttagtttacg      660

```

```

ttcgagtctt actgggcata agagaattca taccggcgag aaacctttta aatgtaagga 720
ttgtgggaaa gccttttagat ttcattcaca acttagtgct cataagcgaa ttcatactgg 780
tgagaaatct tatgaatgta aggaatgtgg gaaggccttt agttgtggct c 831

```

```

<210> 8674
<211> 469
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (208)...(456)
<223> similar to gi339486 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8674
ctccccacga ggccttcctg gcctcctgtc tgaagtgggt ccctttcctt actggtccct 60
ctccaaagcc ctggctgcaa gactcgggga cccagcatc tgcacatctg gcagagtgga 120
cctcctatga gaactgcctg agatctgagg agcccagagc cggaggagca gtaccgttgt 180
catggccacc atgacgggct ggtgcggggc aactgccaac tcgccagagc tggtaaacac 240
tctgttgta cccctaacta tcaagagcgc gcgcgccac aagatattac gtcaacggcc 300
gcattctatt ggacgcgacg taacagactg cgcaggcatc ttttggctgt tccagcgaa 360
gacctgggac cttctggtca gaggccacgc agtatgggag cccgatcttt aggagcacag 420
cgcacatgaa caaaacatgt gacacgataa cgtcgggggt cagcttacg 469

```

```

<210> 8675
<211> 1080
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (417)...(1080)
<223> similar to gi51481 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8675
tttttttttt ttcaattata aattttatatt aagaatactg acttaacaca ggaaacagat 60
ttaattcatg gaattgtgca tatggtcac cgttacattg tgacatgtta attttttttt 120
atcatttatt ggcactgtca acagattact tgtgaacaag atcactttgt acgcttaagt 180
ctgcgatgct acttagctat ggttttctac catgagctta tatatagata ggtgtaggta 240
ttagatata ttaatgctat acacaatttt gcatggttac tgagcgctcag taaaaattat 300
gaaaaaacac ccatttataa taaaagttag gatgtactaa gacttgctat tactggacct 360

```

tgttttctgt	aaaagtgatg	acacttgctg	gacgggttact	aaactctatg	gcactaatgt	420
atgatggatt	catttccaga	ctgtcggcca	cggaagcact	tcttcatggc	ctctgccctg	480
gacagcagcc	tgctctccgg	gtcccccatg	tttttaccag	cttctgctga	gtttctacaa	540
tcttgagctc	tgctgagaat	tcttttcctt	gaaattcttc	tacctaaagc	cccagcccc	600
aaaagagcat	gtctcaggaa	ctcattatgc	cctgagtcaa	caagaacttg	ttgataaatg	660
gcttaaaagt	ttttacaaga	agtaacttcc	cttggttaagg	agtaaataat	agctctggaa	720
ttttccagat	aaaactattt	catttctctg	tcagtgtccc	atggggagag	aacgaaatat	780
tggagcccct	ctccctacca	aagagagcca	cttttctggt	tgtgccctgg	cttaaaaccc	840
tttggctctc	gagaaccata	ctgaatat	gcacccaatg	ctaaagt	caggagaaag	900
catacttaag	ccaataaatg	aataatggtt	tggtttgcat	tttgcttgct	tgtaaataa	960
ggccttattg	aaccttgga	tgctgcctgt	ggaaactggc	ttccccagtg	aaagatgtga	1020
tgccatgaac	tgatatgcct	ttgcatatgc	tgttccctct	ctgcaacacc	ctctcgtgcc	1080

<210> 8676

<211> 2702

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1457)...(2441)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8676

aatcgatatt	catgtgcgtg	tggcggaatt	ctatccagag	tcaggtgtca	ctactcaata	60
cacttgacc	cagcttcccc	aaaggttcaa	gaactcccc	accatctttg	gggagggcgtt	120
ggctcgagac	ctccagaagt	ttcccaccag	agacctaggc	tgctgtgtgc	tccagtagct	180
tgatgacctt	ttgctgggac	acccacggc	agtcgggtgc	gccaaaggaa	cagatgtctt	240
actccggcac	ctggaggact	gtgggtataa	ggtgtccaag	aaaaaaagct	cagatctgcc	300
gatagcaggg	cacttcaact	cagaaagctg	aactcaatgc	tttcat	gtttagaac	360
tcagtgagg	tgagactgtc	aacacttaca	ctgattctcg	gtatgtcttt	ttaacccttc	420
aagtgcattg	agtgtgatag	aaagaaaagg	gcctattgaa	ttctgggggg	aaagacagaa	480
aatatccaca	agaaatcttg	caatgattaa	aagcagtagt	gagacccac	aaggtggcag	540
ttatgcattg	cagaggacac	cagcgagctt	ccacctgggt	gggtttagg	aattcccgtg	600
ctgactcaga	ggctcgaaaa	gcacatctg	ccccattccg	ggcatcagtc	acagcccccc	660
tgctccctca	agcacctgat	cttgtacct	cttattctaa	agaagaaaat	gactttctcc	720
aggcaagg	aggacaagt	atggaggag	gatgaattcg	gttaccggat	gggagagtag	780
ctgtgccaca	gctgctagga	gctgcaattg	tactggctgt	gcatgaaacc	acccatcgag	840
gtcagggaatt	acttgaaaag	ttgttaggct	ggtatttcta	catctcacat	ttgtcaggcc	900
ttgccaaaat	ggtgacgcag	tggtgtgtta	cctgccgaca	gcataatgcg	aggcaaggtc	960
cagccgttcc	acccggcata	caagcttatg	gagcagcccc	ctttgaagat	ctccaggtgg	1020
acttcacaga	gatgtcaaag	tgtagagggt	atcgagtgtg	gatcaagaac	tggaacgtag	1080
cctctttgtg	tccactgtgg	aaaggacccc	agactgtcgt	tctgagcact	cccaccgctg	1140
tgaaggtaga	aggaatccca	gcctggatcc	accacagcca	tgtaaaacct	gcagcgctg	1200
aaacctggga	ggcaagacca	agcccagaca	acccctgcag	agtgaacctg	aagaagacga	1260
caagccctgc	tccagtcaca	cccggaaagt	gactggtcca	cgcacggccg	aagcctgagg	1320
aagctcatca	tgagattcat	ttttcttaaa	ttttggactt	atacagtaag	ggcttcaact	1380
gatcttactc	aaactgggga	ctgttcccag	tgtattcatc	aggtcaccga	agttaggaca	1440
gcaaattaaa	acaatctttc	tgttctatag	ttattatgaa	tgtatggaaa	caataagaga	1500

```

aacttgtttg tataacgcc a ctacgtacaa ggtatgtagc ccaagaaatg accgacctga 1560
tgtgtgttat aacccatctg agccccctgc aaccaccatt tttgaaacaa gattaagaac 1620
tagccttttc ctagggtgaca caagtaaaat aataactaga acagaagaaa aaggaatccc 1680
caaacaaata attttaagat ttgatgcttg tgcagccatt aatagtaaca aactaggaac 1740
agaatgtggt tctcttaact gggaaaggag ctacagcgta gaaaataaat atgtttgtca 1800
tgagtcaggg gtttgtaaaa attgtgccta ttggccatgt gttatttggg ctacttaaaa 1860
aaagaacaaa aaggaaccgg tttatcttca gaagggggaa gccatcccct cctgtgctgc 1920
cagtcactgt aacccactag aactaataat taccaatccc ctatgcccc attggaaaaa 1980
gggagaatgt gtaaccctgg ggaccaaagg gacaggggta aaccccccaag ttgccatttt 2040
agttcaaggg gaggtccac agcaactctc ccaaaccagt gtttcaaacc ttttatgagg 2100
agttaaatct gccagacca gaacttctga aaaagataaa aaatttgttt ctccaattag 2160
cagaaaatgt agctcattcc cttaatgtta cttcttggtta tatatgcggg ggaaccacta 2220
tcagagaccg atggccttg gaagcctgag agttgggtgcc cactgatcca gctcctgata 2280
taatgggggc ttgtccagga tctcatcagg actggatggc tctcgctgga ctatactgga 2340
tatgtgggca gagagcctac attcagttac ctaatgaatg ggcagacagt tgtgttattg 2400
gcactattaa gccatccttt ttcttattac cgataaaaaa tactggtact atctgtaaat 2460
tccagacatt gtatgagaaa gcaactgtaa actttttgtt ctgttagctg atatatgtag 2520
cctccagtca cattctcat gcttacttga tctatcatga ccctttcacg tggaccctt 2580
agagttgtaa gcccttaaaa gggctaggaa tttctttttg ggggagcttg gcatcttaag 2640
acatgagtct gacaatgcta ccggccaaat aaaaacatat aacttcttta aaaaaaaac 2700
aa 2702

```

```

<210> 8677
<211> 628
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(628)
<223> similar to gi57718 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8677
taaatgacag atgatacctt gggttgggag gggtcctgga agtggactct tccacagtgg 60
catcaggggt aggggtcaca gtggtggtta ggaccagagc tgaggtcaca gagctcctgg 120
aggcaagatt aaggacaaa agtggtctcc catcaccaag ttgggccatc tgggtcaagga 180
catgaagatc aagtccttg aggatcttg cctcttctct gtgcatcaag gaccaggttc 240
aaggcatttg tcaccattga ggactacaac ggctatgttg gtctgggtgt tagtgctcca 300
aggaggtagc cagcaccatc catggggcta taatcatggt caagctcttt atcctccctg 360
tgtgaggaga ctactggggg aacaagatta gcaagcctca cactcacact acctaccctt 420
gcaaggtgac tggcagcctg catctctgtg ctggtggcct catccctgcc tccaggggag 480
ttggtactgt cttggcccct gtgccagga acctgctgct gatggtggtt acccaccact 540
gctgcacttt gactggggac tgcgctgcta ccctggcaa ttttgccaag ggacctttga 600
tgccatctcc aagacctaca gctatttc 628

```

<210> 8678
 <211> 375
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (44)...(357)
 <223> similar to gil335198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8678
 actggatcca gtagcatatt aaaaggatta tccaccacta ccaagtgggc tttagcctaa 60
 gaataacaat gtggttcaac acatgaaaat caatgtaata caatgtaatc atattaatag 120
 aatgaagggg aaaaatccca gaatgatttc aattcatgca gaaaaagcat ctgaaaaaat 180
 agtaataatc ttttaagata aaaacactca acaaatgagg aaaggaaggg aacttcttca 240
 aaatgataaa ggacatatat gataaagcgc acagctaaca tcttactcaa cagtaaatga 300
 ctgtttactg actgaaagtt ttcccgtctac gatcatgcat gagacaagaa tgctgctctc 360
 actactttccg ttcag 375

<210> 8679
 <211> 1293
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (294)...(1293)
 <223> similar to gi456886 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8679
 gtatttttga aaaatggtaa agaagtgcag agtcaagtca tagcgactaa taatgggtta 60
 ttttcttaaa ttgtatgctt atgttaattc tcacagtctt tttgtttggg tctgtgacag 120
 atcttacaaa agatctttta gacctatgat tcttaacaaa attaaagaat taagtcggaa 180
 ccaattttcc acaatgtctc atctaagaaa ggactcacag gccagcagcc caggagatga 240
 cgcaatggac aggagtgggc tccctgacct tcaaggaaga tttgagctat ctgggaaaaa 300
 caagacagta tccactggat gcattggaac cccaacccca gcattgggga tattaaggac 360
 attaaaaaag cagccaagtc tatgctagac ccagcacata aatctcattt ccaccctgtg 420
 accccaagtt tagtattctt gtgtttcata tttgatgggt tacaccaggc attactgagt 480
 gttggtgtga gcaagaggtc taatactgtg gttgggaatg agaacgagga aaggggtact 540
 ccttatgcta gcagattcaa agatatgcct aactttattg cccttgagaa gtcacagtt 600
 ctccgccact gctgtgacct tttgataggc gttgcggetg gatcaagtga taagatttgc 660
 accagcagtc tccaagttca gagacgattc aaggcaatga tggcatctat tggaagactt 720
 tcacatggtg agagtgtgta tctgctaadc agctgcaatg cagaatcagc cataggttgg 780
 atcagctcaa gaccgtgggt tggagaatta atgttcacat ttctatttgg agactttgaa 840
 tccccctctac acaagctacg caagtcaagt tagttgcca gaaagcacag atgacaacct 900

```

attaatgctg tgagaatggt tctagatcag tgcattgatg gctccattgc tctacgggcc 960
attgtgtctg agatcccagt ctttgaggag aaaaaaaca atggttaaaa aggcattggg 1020
gaaatatttt gagtttgggg gtgtactttg ccacccatt attggggagc tgtcaccacg 1080
aatgttccca aacttagcaa cagcggcaaa ctactgggcc aagatgagca accccacatt 1140
tttgggattt aaagctcctg atgttatacc aggatcaacc atcacactcc ctttgcttcg 1200
aatggcatct accccgtaag atcttgaggg gggagtgttg ggtggaatca tagatccatg 1260
cactcctaac atgaactaat tctcattatt taa 1293

```

```

<210> 8680
<211> 383
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (132)...(385)
<223> similar to gi501027 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8680
gaggaaggag aacagtgggt gggctgggtg aaggaagggt ccagaaagga acagtgaggg 60
gactgagtgg gacaaagggg cagattgaag ggtgactgag actgatcagg tggttcctca 120
gaaatgggtg ttgtttaga aggctggcgg tcccgggggt tgtgtttcta ttcattcttt 180
gtttttaagg taagtctcgc ctcttcttgc tagttttagt gtgtttttgt gctttaatgt 240
ttgttttaat gttatgtttt ttattgggtt gtgctcttct tttttctcc ggtatattat 300
tttgatgtgt ttgtattgtt ttaggtgtat ttgtgctact gttgtetgtt acttctgtgt 360
gttttttggg tgctgtattc tct 383

```

```

<210> 8681
<211> 1002
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (166)...(1002)
<223> similar to gi220525 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8681
tttcgtctgt aactgctcct cactgcgtta ccagtaatg cgctgatcgg gggagggggc 60
ggggggggcc gggagcgcag gggagagcga gccgacttgg aaatgtgaac gcaagaagca 120
ggcttgattt ttttttctcc ccccttctct ctctctctct ctctctctct tctctctctc 180

```

```

ctctttctcc tctctcacc acactcacgc acacctccaa accgcacacc cagacgcaca 240
cgcatacccc agcgcccggc agttatgtat tctccgctct gtctcaccca ggatgaattt 300
catcctttca tgaagcact tctgcccac gtccgagcct ttgcctacac atgggtcaac 360
ctgcaggccc gaaaacgaaa atacttcaaa aaacatgaaa agcgtatgtc aaaagaagaa 420
gagagagccg tgaaggatga attgctaagt gaaaaaccag aggtcaagca gaagtgggca 480
tctcgacttc tggcaaagt gcggaagat atccgacccg aatatcgaga ggattttgtt 540
cttacagtta cagggaaaaa acctccatgt tgtgttcttt ccaaccaga ccagaaaggc 600
aagatgcgaa gaattgactg cctccgccag gcagataaag tctggagggt ggacctgtt 660
atggtgattt tgtttaaagg tattccgctg gaaagtactg atggcgagcg ccttgtaaag 720
tccccacaat gctctaatac agggctctgt gtccaacccc atcacatagg ggtttctgtt 780
aaggaactcg atttatattt ggcatacttt gtgcatgcag cagattcaag tcaatctgaa 840
agtcccagcc aggccaagt acgctgacat taaggaccag ccagaaaatg ggacatttgg 900
ggcttcagg gacagttttg tcacattcag gtgtttttta gtgtcacttg agcttagtta 960
agagtgtcac agacccccat cgccgccgga cgggcccaa ct 1002

```

```

<210> 8682
<211> 3395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1575)...(47)
<223> similar to gi4960163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8682
agaattcaga aggcctgtca ggtgaagtct tcagcctccc acagcgcagg gtcccagcat 60
ctccacgcgc gcccggtgga ggtgggtccg gccggagagg cctcccgcgg acgcccgtctc 120
tccagaactc cgcttccaag agggagcctt tggctgcttt ctctccttaa acttagatca 180
aatttttttg tttttaatca gttatcttgg gaacttaacc tggccccctca cctcttctgc 240
accccccgcc ccgaaactg tctcgtaatg aatttctgct gtccctctgg gagtggacgg 300
ccgggtcccg tcccccgga gcatcgctcg gctcagcacc ttggctccca gtggggggccc 360
cgtggagggc gcccgtagtg ataagcacac cggcacgaac gtcaggcca ttccctcgaag 420
tcggagccct cactctgccc tgtcctgggg ctggctgagg gcgaacgccc cacctcactt 480
tctagagccc tgtctgtcct agctcctatc tgaccttgtg tgtaaatacg tacatctgtt 540
tttaaagtgg atgggccctt gagaactcag tgaaatgcag agttctccat gcacctaaag 600
ctcctttgtc gctctcatgg ctgtcagatc ctggctccct cacactgggt gctggggagg 660
gaggaccctc ggggctaccg cgcgcccccc catcccacag atcaggagcc aaggagggag 720
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acccccacc cccagcctc gcactgtgtc cttggggagg gcccgcccc atcctggccg 960
gtgtcactgt ggcccgcca cccctgagcg ccagctccc tacctcctgg acgtctctga 1020
gagtccaggc agagcagagg gcagcgctcg gccggtcatg ctggctccct tggccttgca 1080
gcgagccctt ggccacgcc gagcgaggga tgettctccc tacagcatgt ccaactcccc 1140
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atttttttag caaggtaaaa aaacccaaat ggggtgtatc tctgatatct tgaaccagc 1320
gttctgaata gaggtaggtt gagttttcta ggggaaaaca aatggagaaa agaggcatga 1380

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agaaaagtaa accgagaaca taattaggca tcgggcctaa gtgtcctggg gagattggag 1440
gggacggcag cgttctgcat gatggaggcg ctgccgggcc ccgggtctgt gggggccgtg 1500
ctctcagggc gtgtgcggga cgccacctgt gcacacctgc tcagagcacg gctcctcgca 1560
ggggtgaagg ggcagaccaaa cgaaaccaga tgagaccaac gacaccatgc gagacacgct 1620
tgcagacact gttgtttttg aaatgtgctt ccctccatct gaaatctcat ccctccaccc 1680
gcccaactcg gcagctgtgc tgtgggcagg gcatgcgctc ccctggctga gcaccccaaga 1740
gattctcctg cacttctctc atgccgcacg ctgctcatcc gtctccatgt gtgttttagat 1800
ccatgccatt cactgactca ctaacacctg caaaatcttt aaggaaaaaaa gctgaagggt 1860
acgaccatgc acatatgtga cctggaaaat gcaaatttag atcttttatg atttaattgt 1920
tatttggttt tccccatagg gaggtttccc ttccctttgg aaattaatat ataattgata 1980
aattctggca ctgagccatg gcggagctgg gcagccccta ggtagagtg gagacggagg 2040
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ctgactgttg gccagtttca aagggaccca ttgtatacag ggtgcaaagt tattatacgg 2760
atgtttcctt ttgtacactt catttttaca agttttgcta ctcaacagct ttatgtagtg 2820
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caggcatctg tttattaaaa ttgctgctgt gaaagacagg gataaaatat ccacaatata 3060
agagaaagcg actccgtgcc tccttctggt tcttcgtttc cagtctgcat agatgtctcc 3120
aaggggaaac cagggccacc aggcaactct gtcccatggg gccacccacc ttcagagccc 3180
actccacagg gctctgtttc cttggaggcc atcctgccga tggcactttt caaggccctc 3240
ccttccttac gagttgcttt ctgggagggg aaattgaaaa ggagagcggt cacctggcaa 3300
aaacacaggg gaaatcagcc agtccacaaa aatacgcaaa atgacctgat gatgtccaaa 3360
aaagggtttt aaaagcgatc aaggacaaaa ggggtt 3395

```

<210> 8683

<211> 1056

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (759)...(1052)

<223> similar to gi5816699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8683

```

tttttttttt ttggagagaa ggataagcca tttattaacc ccacgcccct agcaccagct 60
gtcaccttgg acttgttgga gatgcagggg ctagaaagga aatgacagag tgtacaggcc 120
ccttcgaccc cgtgtcccat aggtggtggc cccagacac accctctctg ctggcagtgc 180

```



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<400> 8685
tttttttttt ttatgacaaa agtgtttaat gctccataat gtgcagcttc taagtgaana 60
aggcccgtta atcatccacg ggccgtacat tctcatgaca gagcagccgc cctcctcggc 120
cccccaagag ggagggcatag gcagggagtg ggccctgtga ggcacgggtcc tgagtgtgcc 180
cgccaggaac gcacacgtgt tagtgccac atgaaacagg ggtggggcgt gacatttaca 240
caggagagaa ccacagacac ccatgtgagg agacacgagg ggcacagggtg accatggggcc 300
agggaacacc ccagtccatg catggctgaa tccacgagga gcgcgagctg gatggtggga 360
gtcacgcggt aacgggctca ggtctcctag gagcagaaca ggcccaggtc ctcaggagac 420
ctcgtgcccc gggcagcggg acagacctga gcctgccccat gagaacttga gtgtgcaaac 480
ctgcgcacag gtgtgagaac agactccagg gagagtgttt aaaggagaaga cacagacaca 540
cataagaccc acttagtggg gaatttgagg gaccccaggg aaagggtggg agggccagag 600
cagcaagtag aggggagtg gcaactctgt ccgggactcc cataggctcg gcagggccag 660
agacagcctt gggggtgaga ggccagagcc aaggggcctg catctgagag tccaagggtc 720
taggaaggct cagggtggga gggcccagct tcacataga caccagggtc cacgctggct 780
tggggagaag gtgcagggtat cagatgagcc tcaggcctca ctgctgctgg ggcagcctct 840
gctgctgccg cactccaccc acacgaggcg ggccctgtcc tgcaggatgc ggccgcgcac 900
caccttgccc agctcctctg cgtgtcccca ctcatgggag ggcacctgca cccaggagca 960
gggcagcccc cagagcacct gctctgagcc acggcactgc cgcagcagct ctgagtcccg 1020
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tagcccaggg gtggcaggct gagcctttgg gggctccagg cgtgaggat gggcacaggt 1260
cctccccaga gaggttttcc gctgggcaca cttggaagtc cagccgggag ctgggcaggt 1320
ctagcagggt acggatgagc cggggcgcca ggcaactcag caacagcacc acgggcccga 1380
ggcagacac cagtagcggc cgcaccaaac tgtagggtct gaggctccgc tccggtctg 1440
cacagggtc cagcagcagc tgatccgggg agtcccctgc aggcgcccc acgggcttgg 1500
gcctcaccag ccgcagctgg tccagggtc tcttcttcag attactgcgg gggcctcggt 1560
gccggctgga gggcaggcat ttctcctgaa cttctaggag ctgctgggct ctctgataat 1620
tgggcacggt gccccgggtc aggtcccgca gagtgagggg gtcaaccgg gtgcagaacc 1680
attcctgcct ccgcttgat gccaggtcca ccagtcgaag gatctcttgg gctttcacgc 1740
aaagggcag gggatctgcc ctctcaggca aggtgaggtt ggcacgaatg tagaagggt 1800
cgccacctgg tccctttgcc caggcttcta gggcctcgtg gaaggactgg caggccttcg 1860
agtccatca

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```

<210> 8686
<211> 1245
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (183)...(736)
<223> similar to gi3005599 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8686

<220>
 <221> misc_feature
 <222> (250)...(356)
 <223> similar to gi4379026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8688
 ctttgatatc agagtaatgc tgccttcata aaacgagttg ggaagtgttt cttcctcttc 60
 tttttctgga agaatttgag aaggtttgat gctaattctt ctttaaataa ttggtgggtat 120
 tcaacagaga agccatctgg ttggactttt cttagttggg aaatttttga ttcattgggtc 180
 aatctcttta cttgttatag gtctggtgag aatgttaatt tcttcttgag tcagtttagg 240
 taatttcagt atttttagga acttgttcat ttcattctgag ttattctgatt tgttggtcaca 300
 caattgttaa tatttttata atgcatttta tttctctaaa gtcaacagta atgtaccca 359

<210> 8689
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (133)...(371)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8689
 gcaaatgttt aaaacttaag cacaatgag taggagaaa gtacaactac agaaaaccac 60
 caaaacacaa tgccaatcaa gaaaagagaa aggagcaaaa aatatagaaa agaaccacaaa 120
 acaattgact atatgacagc atcaaaatgt tatatatata taaccaccta gaataataat 180
 gaattaaact cttcacttaa tagatataga ctactgaat gaattaaaaa aatgacttaa 240
 ctatttgctg tctacaagaa atgtacttta cctgtaaaaga cacatataga atgaaagtaa 300
 agggaatgga aaaagtctac tcaaatggaa actaaaagga agccagagta gctgtgctta 360
 catcatgat

<210> 8690
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (421)...(723)

<223> similar to gi5824553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8690

accgctgagg	acgcggaccc	gccatggcgc	ggaagaaggt	gcgtccgcgg	ctgatcgcgg	60
agctggcccc	ccgcgtgcgc	gccctgcggg	agcaactgaa	caggccgcgc	gactcccagc	120
tctacgcggt	ggactacgag	accttgacgc	ggccgttctc	tggacgcggg	ctgccggtcc	180
gggcctgggg	cgacgtgcgc	cgcgagagcc	gcctcttgca	gctgctcggc	cgccctccgc	240
tcttcggcct	gggcgcgctg	gtcacgcgca	agtcctggct	gtggcagcac	gacgagccgt	300
gctactggcg	cctcacgcgg	gtgcggcccc	actacacggc	gcaagtgcgt	gcaccccgtc	360
cgcaccccg	ccctgcagcc	ggctgggtctc	cccgcctccc	ctcctccctg	caggtttgcg	420
tggctgaggc	tcccacctcc	tgacctcggg	ggccgagagc	tttgcgagct	gaccccgctt	480
gcttatggct	ttgcacaact	tggaccacgg	gaaggcctgg	ggcatcctga	ccttcaaagg	540
gaagactgag	agcgaggcgc	gggagatcga	acacgtcatg	taccatgact	ggcggtcgtt	600
gccaagcac	gaggaggagg	ccttcaccgc	gttcacgcgc	gcgcgggaag	acagcctggc	660
ctccgtgccg	taccgcctc	tcctccgggc	catgattatc	gcagaacgac	agaaaaatgg	720
agacacaagc	accgaggagc	ccatgctgaa	tgtgcagagg	atacgcatgg	aaccctggga	780
ttaccctgca	aaacaggaag	acaaaggaag	ggccaagggc			820

<210> 8691

<211> 2077

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1086)...(1976)

<223> similar to gi1911490 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8691

tagacctgaa	cgcttccttg	ggttctggga	ggatgggtga	ggtcttctgc	tgatctctga	60
ttttctgggt	cttgtgtgcc	tcccagaacg	tgtgggctgt	gttggatctc	tacgggccag	120
tcgggtgttg	tgtcaattgt	cagttccacg	agactggagg	agtcagaagg	caccagcct	180
ccttccccca	gttcagacac	cggcagtgag	ggcgaggagg	atgacgaggg	cgaggagcat	240
ggcctgggag	gccagaatga	agtgggtatt	ataccaccca	ccctcgagtt	cctggagAAC	300
catgggaaga	atatcctttt	gtctaattgg	aaccgtacgg	tcacacgggt	ggccagctac	360
aatcagggca	tcgttgtcat	caaccaacct	ctggtgcccc	agctgctggg	gcagggtgcg	420
atagatttcc	taaaccgaca	gtggacatct	tccttgtgcc	tgggagtcac	cacctgcgcg	480
cctgagaggc	tcaacttccc	tgttcttgcc	tgtgccctca	aacgggcagc	ctggctgctg	540
cggggccggt	gggtcttcca	caacgggtctc	aagatctgcg	agaagtttgg	gccaatctg	600
gacacgtgcc	ctgaaggcac	catcctggga	ctgcggctgg	acagctctgg	ggggctgcat	660
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gcgcttgttg	acctctatgg	gcagtgtgag	caggtgacaa	tcgtgaaccc	tgagccaggg	780
gctgccagtg	ggaaaagtgc	tggaaaccaa	ggggacatgg	agaaagcaga	catggtggac	840
ggtatcaaag	agagtgtgtg	ctgggggtcca	ccacctgccc	ctagtccctc	aaagagctgc	900
gagtaccatg	cccttctgctc	tcgcttccaa	gaactcctgc	tgcttctctga	agattatttc	960

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atgcctccgc caaagcgaag cctgtgtctac tgtgagtcct gccggaagct gcgagagagac 1020
gaggcccaca ggcgagagag ggagcctccc cgggaatatg cactgccctt tggctgggtgc 1080
agggttcaacc tcagagtga tccccgcctg gaggctggga cactaacc aaagtggcac 1140
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ggagcaggta ctgcctccat cctgagctgc cgctccttga agggagaacc tggggtaggg 1260
ttcgaggagc ctggcaagaa ctgtgcacct cctcgggagg agcagcccc tctgtgtctg 1320
ctttccccct cccttcaata tgctggggcg gagaccctgg cctccaaagt gcaattccgg 1380
gaccccaa at cccagcggac gcaccaggct cagggtggcg tccaggtgtg tgtgcgccct 1440
ggctcctaca ccccgggacc cccttcgct gcccttgag aacctcctga ccctcacttc 1500
agtccagccg aacttgagt ggtcactaag gagaaggggg ccacactcct ctgtgccctg 1560
ctggtacggg tggaatgagg ggtgagacac cactactaca agcacagtcg ggccgcgggc 1620
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cagctccagg ccctggtacc cctcttcatg cactgatttg gggaacatga ctccctttta 1860
ctccctacc ccacatcact taattttatt ccgttttgt ttctggttac tgtgaatccc 1920
agaggagtct ctccctgtgc ccacatgaag ctgctttttc cggggccacc gggcgggagt 1980
ggggaagggt gggcgacgg aagatgggg cctctgtaca gttgttactg actctgattt 2040
ctaaggagcc aataaacacc gtctcagaaa aaaaaa 2077

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<210> 8692
<211> 2122
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2123)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2095)...(2122)
<223> similar to gi451544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8692
ggttgtgcgc gcaaagccgc gcggggctga gggctctgtt ctgccggcgc ctgtccggac 60
ccggggcccc ctccgctttc ggccggcctc gggcacgggg cttctggagc tcccggagcc 120
ctgcctgttc cctgaccatc caggccagca gctgaaggag cctcacctgc ctcccttctc 180
tgagtagcac ggatttgagg agaagcagcg aagatgtcca gcgagcctcc ccctccttat 240
cctggggggc ccacagcccc acttctggaa gagaaaagtg gagccccgcc caccacggc 300
cgttcctccc cagctgtgat gcagccccct ccaggcatgc cactgcccc tgcgacatt 360
ggccccccac cctatgagcc gccgggtcac ccaatgcccc agcctggctt catccacca 420
cacatgagtg cagatggcac ctacatgcct ccgggtttct accctcctcc agggccccac 480
ccacccatgg gctactacc cccaggggccc tacacgccag ggccctacc tggccctggg 540
ggccacacag ccacagtcct ggtcccttca ggagctgcca ccacggtgac agtgctgcag 600
ggagagatct ttgagggagc gcctgtgcag acggtgtgtc cccactgcca gcaggccatc 660
accaccaaga tctcctacga gattggcttg atgaatttcg tgctggggtt cttctgttgc 720
ttcatgggat gtgatctggg ctgctgcctg natccctga cctcatcaat gaacttcaag 780

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gaatgtgaac	gcacacatgc	cccagctgca	aagcctacat	ctacacgtac	aagcgccgtgt	840
gctaacggag	ctgggactcg	ggactccccc	gcctgtcagt	ctggcccccct	gtgcttttgct	900
ccctgcgctc	agtggtcact	ttcccgcctc	cacttggggc	tgggagccgt	gccaccatcc	960
cctagaagtc	ctgtcctctt	caccctgccc	tacctgagcc	gctgactctt	ctggcaaaaa	1020
ttctgttggg	atttaaggcc	aagggctcagt	gggtggcagg	gggctggcaa	tgagcttggt	1080
tgttgttgg	ctgcttggtg	tgtgtgatcg	ggaagataag	ctgggagggg	tctcctgctg	1140
gggtcctgat	gcctctgttt	ccaaaacaagg	tacaggttca	gtccagactc	tttccccctg	1200
ggaccaacag	cagccagagc	agttagccag	ttagtcccca	ggcctgtggc	cacaggcggt	1260
tctgacctcg	tgggccgaga	atgggtaagt	tgtctggagt	caggtggggc	cacgtaggac	1320
agggtcacaa	agcctggggt	tgtttctggg	tactttgcgc	ctttgggggt	ctagaggtgg	1380
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acctctgcct	ggtggctggt	gtatcccaac	tgggcaagag	atggcagagg	gtcccccttg	1740
tgggtgcgct	tggatgtgca	gagccttctc	catggatttt	cttccctgta	agtgcggggc	1800
ccctcacccc	agctgacagg	ctgttgctgt	gcctgctcac	acctgctcct	gcaggcacac	1860
tgggctaggg	acgaggaagg	agcagccaca	agtggtagaa	ctgccttggt	ggacaccagc	1920
ctcgccctgt	ctttatttcc	tgaatggttt	gtgaacttgc	tcacctggac	cactgtatcc	1980
tgccactgtc	cttctgtgtc	tcgcaactgc	actgcatggc	ctcctgtcac	tgtgaatcgt	2040
ggccagctct	cagttttag	tttctcatta	aattggccct	ttcactcccc	cgccttgga	2100
aaaaaaaaaa	aaaaaaaaaa	aa				2122

<210> 8693

<211> 396

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

<222> (14) ... (398)

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<222> (14)...(398)
<223> similar to gi1857137 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

Run with FASTXY 3.3t00, default parameters

<400>	8693					60
actgagacga	ataatgaact	taattatcca	taaagacatt	ctgttagaca	ttccagctaa	120
taagggtagc	catgatgaat	ggacaaggcc	cgacccacg	aggtatcgat	gatgaaatta	180
catgctgaag	aatgcctagt	ggcccgata	tcatggacat	agggcatgat	gatatgggag	240
actcagacac	gaacactaag	ccttctccaa	aatttgctgc	tctggacaga	aagctatctc	300
acggctactc	agcacatccc	ttacagaact	catcacactc	aaaatctcca	atgaacactc	360
acccaaactc	cagatccgga	gtcatattta	cctgagggca	gtgagtgaag	cctccatcaa	396
ccggagcctg	gacagcctgg	aacctgcagg	cttgct			

<210> 8694

<211> 566

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (341)...(566)
<223> similar to gi4098124 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8694
cccacgcgtc cgcagcaaag ctccatctgt cggcagagga gaagggggag gaggcacggc 60
cgaggcaaac gagcggacgc ctcgtcgccg ggtgccggtg tcaccccgct gcaacgcctt 120
ccagcaaaag ccaccgcggc ccgggttgca gcagccggac ggatgccaaag gccacacggc 180
agccacgggg gcagccgtcg cagtcgccgt cccacacggg ctgctggacac caaggggttg 240
taatgaagtg attgagaaga aacagtgaac atcctcattt cacagataag acaacatgga 300
tcagcctttt actgtgaatt ctctgaaaaa gtttagctgt atgcctgacc atacagatgt 360
ttccctaagc ccagaagagc gagtccgtgc cctaagcaag cttggttgta atatcaccat 420
cagtgaagac atcactccac gacgttactt taggtctgga gtagagatgg agaggatggc 480
gtctgtgtat ttggaagaag gaatttgga atgctttgtc tttataataa ttttaccttt 540
ttgtgaaant tcctaccang agttcc 566

<210> 8695
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(390)
<223> similar to gi4583418 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8695
agaattaagt ctcccacagc cattggagta gcttttatgg acagaagaaa ccctttccca 60
gccggtgtcc gtcttcccag ctccccgccg tgtcgccaag tgaatccatc ctgccgtccg 120
tctccacttt caccagcccg taccgcaagc gccgcctgca ggagcgctga ccctgcgccg 180
agcccgaggc caggggaacc cacaactacc tcaacagcgt gtgggactcc attcgggtcca 240
cagggctgga tggcctgggg ccgaggccac cccgaagccc ccggcgaccc caccgtctgc 300
gtcctattac ccgaacactg cacgccgctg ccctagggcg ccctggagct ggacccgctg 360
ccagaaggcc cgcgctgctc cggacgcgtg gg 392

<210> 8696
 <211> 646
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (156)...(590)
 <223> similar to gi1613848 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8696
 atctaaagga ccttcataaa gcatgtgggt gctatataaa aggatatgtc taggcccaag 60
 taaatataag tacaacaaag cagctgttga tcaggatatgg cttagtaata cttcccttcg 120
 gaagtacatt gcattttacc agcattttat ttcttttagg ttgttggtat ggagcaaaaag 180
 acgagacacc ttctaagcag accctttcta tacaacagga gtccccactc aggacacatt 240
 ggacaggtgt atgtaccaag aaggtccacc tctggggaat gtgtggccct ctcctgggag 300
 atatcttaca ccagggaaca caacacaatc agaaattgaa tggggttggg gcatatgaaa 360
 aaaaattgga tgacgatgca aaccatcatc aagaccagaa gcagcacatt ggagagaaat 420
 cgtacagaag caatgccaaag ggaacatctt ttgtaaagaa ctgtaaattc catatgtcac 480
 atgagccatt tatctttcat gaggttggga aagacttttt gtccagctct gagattactc 540
 caacaagagg acattcaca ttaagggaag tcaaactttg aaactaagca tgggatgtat 600
 tgcggccgct ctagaggatc ctaacttcgt cggggtcgc actcca 646

<210> 8697
 <211> 930
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(931)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (602)...(930)
 <223> similar to gi5726236 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8697
 ggcagccttc ccttggtggt taatcattgc agggatgcct ctctgattat acaccacgt 60
 ttcaagggtg tcagaccacg cagggacaac tgccttggtc cttcaccctt agcagcaagt 120
 cccgcttttc tggggaaggg gcaagtaccc caacccttc tctccgtgtc tctaccctt 180

ggaatatctt	gtttaaagta	agacacaatt	ttcctgccac	cataaagggg	aaagcacaaa	60
gcaggggtggc	ctctttgcat	cttgaaggca	acccatgtga	cagttggaca	tgctgctaca	120
atctatttag	tgggttaaag	taaggctttt	ccatgacatg	attgcctatg	aagaaaattc	180
tgagaaataa	acctccaaaa	tcctcttaga	actaataagc	aagtgtagta	aggtcaaagg	240
atataagacc	aacacacaat	aatcaattcc	atttctatat	actaacaatg	aacaggaaaa	300
caaataattaa	aaactcagta	ctattttacaa	tcactccaaa	gataatgaaa	tacttaggta	360
caggattgta	tgatg					375

<210> 8700

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (243)...(847)

<223> similar to gi2529737 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8700

tttcgcgggg	cttcttcagg	cggtggcggc	agcagcgaag	gtggcgggcg	cagcagcggc	60
agcggctatg	gtgtggtcgc	tcgattctcc	cagtgcctgg	ctgagtttcg	gacgtgggta	120
agaaccaact	ggttgagggt	caatgcagac	aagacggatg	tgatgctgta	gaaaatgtgc	180
atcagatgtt	tatgtttaat	tggtttacag	actgtctgtg	gactcttttc	ctgtcaaatt	240
accagccatc	tgttgaatct	tcaagtccag	gaggttcagc	aacatcagat	gaccatgaat	300
ttgatccatc	agctgacatg	ctgggttcag	attttgatga	tgaacgaaca	ttagaagagg	360
aagaaatgat	ggaaggagaa	acaaacttca	gctctgaaat	agaagatctt	gcaagggaag	420
gcgacatgcc	aattcatgaa	cttctcagcc	tttatgggta	tggtagtact	gttcgactac	480
ctgaagaaga	tgaggaagag	gaagaagagg	aagaagaagg	tgaagatgat	gaagatgctg	540
ataatgatga	caacagtggc	tgtagtgggg	aaaataaaga	ggagaatata	aaggattcat	600
caggtcagga	ggatgaaact	cagtcttcca	atgatgatcc	atcacaatct	gttgcttctc	660
aagatgcccc	ggaaataatc	cgcccacgtc	gatgtaaata	ttttgataca	aatagtgaag	720
tagaagaaga	atctgaagaa	gatgaagatt	atattccacc	ataatctcct	ttttccagtc	780
ttctgatgga	atataatctt	catcttcttc	agaagactgg	aaaaaggaga	ttatggtggg	840
ctcct						845

<210> 8701

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (346)...(396)

<223> similar to gi1122422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

ctgcccacac	tcttgactcc	ggtgccagga	gtcctgcctt	tgtgctcagc	ttgtagggac	180
ctgcctaggg	agggcctgtc	tgccctgagt	tgggtagagg	cctcgcacat	ggcaagaaag	240
agctgacttc	cttggctaga	tgccgtagag	cacctggatg	atctcaagg	cacctttgac	300
cagctgactg	aactgcactg	tgactagctg	catgtgaatc	ctgataactt	ccg	353

<210> 8706

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (295)...(761)

<223> similar to gi4678526 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8706

ctccccgccg	agaagcctcg	ctcggcgccc	aacatggcgg	gtgggcgctg	cggccccgag	60
ctaacggcgc	tcctggccgc	ctggatcgcg	gctgtggcgg	cgacggcagg	ccccgaggag	120
gccgcgctgc	cggcggagca	gagccgggtc	cagcccatga	ccgcctccaa	ctggacgctg	180
gtgatggagg	gcgagtggat	gctgaaattt	tacgccccat	ggtgtccatc	ctgccagcag	240
actgattcag	aatgggaggc	ttttgcaaag	aatggtgaaa	tacttcagat	cagtgtgggg	300
aaggtagatg	tcattcaaga	accaggtttg	agtggccgct	tctttgtcac	cactctccca	360
gcattttttc	atgcaaagga	tgggatattc	cgcggttata	gtggcccagg	aatcttcgaa	420
gacctgcaga	attatatctt	agagaagaaa	tggcaatcag	tcgagcctct	gactggctgg	480
aaatccccgg	cttctctaac	gatgtctgga	atggctggtc	tttttagcat	ctctggcaag	540
atatggcatc	ttcacaacta	tttcacagtg	actcttgga	ttcctgcttg	gtgttcttat	600
gtctttttcg	tcatagccac	cttggttttt	ggcctttcta	tggatctggg	cttgtaggta	660
atatcacagt	gtaattggga	tccaccctat	cggcacgtat	catgaccca	tctactaacc	720
ttggcgtcca	cacagcccac	acctcggagc	atctgcgctt	g		761

<210> 8707

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (602)...(882)

<223> similar to gil698455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8707

gcggaatagt	gggttttgct	gcaaccgggtt	tattttcctt	ctgttttcac	ccattctggc	60
acaatctggc	gccatcgtc	ttcttgtgag	gccaagcctg	aaaatgcgaa	gcagagaggc	120
aggacaaaa	ttgaggcgaa	tccaggaacc	tgccaatggg	tctccgggtg	cggctcttga	180
aactggagga	tatcgggagg	aaaggctctc	cgatgcggag	ataatgggga	agctcttggc	240
atggttggct	gtaggtatgt	gataccggag	gagcaggagt	caaataggat	acgccgactt	300
ttaattcaag	gaaccctttt	ctgaaacact	ttgccacaat	gaaggaaata	agattacagc	360
cgaagataca	tattaaggaa	ttgtactctc	agagatgttg	agaaaagata	catgggtcct	420
ggaagataat	tactcaaaat	atgcagggaa	ggaataaaaat	tgaagggtgt	ttttcttaaa	480
gaacatcatt	tgtcatattt	at ttgatcaa	gaagttgaag	at ttatataa	taaggatcta	540
gtttgaagca	ctaagaagaa	taagacatca	gtttgaaaag	aggctctatc	agaacaacac	600
gaattctgct	aaaattgaag	caagaacaaa	catcaaatat	atgttgacac	ttgggtggaa	660
gaatggtgaa	ctaattgatg	ctttatgaaa	agtgataggg	gacagtgtc	ccaaagaaat	720
cagttttacaa	atggataact	cgttttaaga	aggcataagg	taattgtgaa	gaagaagccc	780
acagtggcag	atcatccaca	tcagtttgtg	agaaaaaagt	tagttcatgg	cgtaattgaa	840
gaaaaccaac	aattaacagc	agaaaacaaca	gccaacacca	taga		884

<210> 8708

<212> DNA

 $\langle 220 \rangle$

<221> misc feature

```
<223> similar to gil633564 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 8708

ggcacgagcg	agctgttgtg	catccagagg	tggaaattggg	gcccggcatt	ccctcctcgt	60
ccggggctgg	cccttgcccc	caccctgcaa	ctcctggttg	agatgggctc	agccaagagc	120
gtcccagtc	caccagcgcg	gcctccgccg	cacaacaagc	atctggctcg	agtggcggac	180
ccccgttcac	ctagtctgg	catcctgcgc	actcccatcc	aggtggagag	ctctccacag	240
ccaggcctac	cagcagggga	gcaactggag	ggtcttaaac	atgccagga	ctcagatccc	300
cgctctccat	tggggaagaa	ctgagggcac	gggtggcaag	tgggtcaggg	atcagacctg	360
ggcagcccac	agcctctccc	gccctctgcc	tcccacctga	cagctccagg	gcaagccgct	420
gctctcagcc	tccctgcctg	tcccttcctt	ggtttggggg	gagaagcagc	cctgccaaca	480
cataccacgt	gccagtgact	tccctatgcc	cctcgccgc	tctgcactat	acagcgctgc	540
aggcaggcat	catttccacg	tcgcaggcaa	gagcaccaag	gct		583

<210> 8709

<212> DNA

<220>

<221> misc feature

<222> (180)...(356)
 <223> similar to gi5306259 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8709
ggcacgagct cttacctatc taccctagac tgtgagctcc ttgaaggcac agtcctggcc      60
tagagtaggc atgccataaa tgattagaaa gtagagggaa gtggcagggc agccaagaca      120
gttttagaga cttttaagta gttcaaacia acaagccagc acatgttgga ggtggaggga      180
tggttgaccc catcaccccc acctacctca cccctgcacc accaccccccc tcacccaccc      240
tcccgccttg cctacccgac caatagccct cccccagctc cgttccacog cctccacgca      300
ccccaccctc ctctaccact cctccccctc cgtctcccc cctccctttc cgcccc      356

```

<210> 8710
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (35)...(356)
 <223> similar to gil83885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8710
ggcacgaggg aacgtctgag gttatcaata agctcctagt ccagacgcca tggggcattt      60
cacagaggag gacaaggcta ctatcacaag cctgtggggc aaggtgaatg tggaagatgc      120
tgaggagaaa accctgggaa ggctactggg tgtctaccca tggaccagga ggatctttga      180
cttgctctgg ataactgtcc tcttggtttg gcatgatggg caactatata gtcaagggac      240
atggcaagac ggcgctgact ttattgtgag atgccatag acccttggtt gagcctatgg      300
gctgctttgc ctggctaact gagctgacat gtgacatgct gtattggaat ccttgg      356

```

<210> 8711
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = a,t,c or g

<220>
 <221> misc_feature

<222> (93)...(357)
 <223> similar to gi2443340 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8711
 ggcacgaggg cggcggctgt agcggcgtga caggagcccc atggcacctg cccagcccca 60
 cctcagccca tcttgacaaa atctaaggct ccatggagcc accacggggc ccccctggcc 120
 atggggccga gccatcccgg gcagtgggca ccgtcaaagt atacctgccc aacaagcaac 180
 gcacggtggn gacagtggcc gaataggaga aggggtacaa aactctatac aagggcctga 240
 aagtgcgggg tctaaatcag gactgctgtg ggggggtaccg actcttctag ggacaaaaga 300
 cacggactgt gtggacacaa gcattgggtc cctggatggc caggagctca ttggcca 357

<210> 8712
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (26)...(478)
 <223> similar to gi2232013 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8712
 gtcattgagac tgaggttgca tatgttcgat gctgtaggag gcagtgacct tcaaggacgt 60
 ggctgtgggtc ttcactgagg aagagctgag gctgctggac cttgcccaga ggaaactgta 120
 ccgagaagtg atgctggaga acttcaggaa cctgctctca gtgggtgagg acaggcacc 180
 tttgtaaggg aacatcagga ccaggagtgg cttgtatcc tagagtgttc aagtttgagt 240
 atgcattggg aacctaagtt tccagtaaat tttacttaga ttttttcta ggatatattg 300
 gcactaagca catgactttt cacgttcaca gggcatcaat cactccacag agatactttc 360
 cacttcctaa aggaagaaaa gttttggatg atggagacag caaccanag agaagggaat 420
 ttaggtaaga agcaagcaac tctgtgtcct tgtgcgtgac tcttccatcg gtttcaact 478

<210> 8713
 <211> 976
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (257)...(484)
 <223> similar to gi3329465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8713
 ggcacgagaa aagagacggg ctgtttctat gtagcaggat cggcccagct tcgggaaaat 60
 ggagttttca gaggctcatc gaggccattt ttcatctcc agtcggggga actttttctg 120
 cccatggaag tgcagcagaa aggcatagag gccactaggc cttgaagtgg ctgccatttt 180
 aaagagtcga gtcagatggc ctattaactc agattaattg ctgtgctttt ggattccagg 240
 ttgatgccgg cccaggatgg atcagacctg tgaactacc agaagaaatt gtctgctgcc 300
 cttttccaat ccagtgaatt tagatgcccc tgaagacaag gacagccctt tcggatgatc 360
 cagattccag taccagtaca ttaggaaaca tgctagaatt acctggaact tcatcatcat 420
 ctacttcaca ggaattgcca tttagactgg ccttgctcatg ttgccaggc tggcgtcggg 480
 actcctgggc tcattcgatc ctctgcatc agctagaact acagtagttt cagattttga 540
 agtgtgtatg tgtatgtgtg atatgtatat attccgtgtg tatagaaatg gagagtatct 600
 tatttgagtt gttgttttca gtaatgctgt caagtattgt tagaggtga taaatgataa 660
 catttgtttt tatttgagct tatgaagaat ttcttgactt tctagctaaa tgatcagttc 720
 acttctctta gcctcaattt tattgcgtct aaattccaaa agttcttgat tgctataaga 780
 ttcttccagc tttaaatatt aatatttgat attgattttg tttctgccca aacacattgt 840
 ttggtcaccg ccggtaatgt tagcaaagag aatttttttt ggccaacaaa tgtctcatatc 900
 cacattcagt ttttataaga aaaactttta tggatgtgtg ttattctgag ttcattaaac 960
 attcgcttta ccttat 976

<210> 8714
 <211> 375
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (38)...(378)
 <223> similar to gil83885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8714
 ggcacgaggg aacgtctgag gttatcaatg tgctactagt cctgacgcca tggggcattt 60
 cacagaggag gacaaggcta ctattacaag cctgtggtgc aaggtgaatg tggaagatgc 120
 tgtatgagaa accctgagta ggctcctgga tgactacca tggaccata aggtattaga 180
 cagcttttagc aacctgccct ctgactctgc catcatagtc aaccttaaag gctaggcaca 240
 tggcaagagt gggctgactt ccttgggaga agccataaag cacctggatg agcttaaggg 300
 cacctttgtc catctgagtg aactagcact gtgacaagct gcatgtggat cctgataact 360
 gtaagctgct gggag 375

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<210> 8715
<211> 1320
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (749)...(38)
<223> similar to gi338263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8715
ccagtatgga acctcggggg tgacctgcgc ctgggtcccc gcccatagag ctgcctctgg      60
aggttctggg aaatgggccc cagatgcatg aagttgcaga agccacctcg ggtacattcc      120
cgtgcacagc ctgcccggtt aaccagcggg tactgagttc agccacggcc cgctctccat      180
cctcctccct ccggaactgc aggaaatgtc agtcagggtc agcaggagaa ctgagagatc      240
ttcaggggac tcaactaccg ctctgggggt ggactggatt tagtgatgaa attcaagctg      300
agagcctaca gtggccacca tcaggcattg aaacgcctcc acttctgggg cctaagtggg      360
gggcagcaag caccttgaca tagacgttgc ccacgaggtg gtccccaagg ttgtcgcaca      420
cattcatctc ttcaatctcc ccatacttct cctgcagttc tgtgaacacc tcctgtggaa      480
gacggggagg aactcagctg agctcccaca agaaacccca tctgccccta ccaaccctca      540
cctcgaagaa gctatcatag tgctcctgca cctccacgtc actcacatga cctgggggtg      600
gggcgggcag ggtggaatca gagtgtagcc tactgggggc tgttcacctt gccccaggc      660
ctggtccttt actcacagtg tgatccgtct gcagtttggg ctgtgttctg tggattccgg      720
tacaggttga gcagcactat ggtctgcaca gaatttaaaa ggggcggggc ctgagctcag      780
agggcagggc tgcataaaca gagagtgagg catgaagggt gggggtggaa ctttacaccc      840
cagcctaagc atcatgagtg catcggcgat cctttgcccc taagaaacca gaaaagggat      900
ggaggggact ggcaaggatg aacagcggga tggaaaggac tggcaaagat gaacagccgc      960
cgtgtgtagc ctgtacgcac gggggcgcca ccaagttccc gggaaaacgg cacgaagacc     1020
ggtgggagga gcctgcagaa aggtccaatg agaaaaaaag ccgggcgggtg gggagggact     1080
caggaacccg gaataggcgg gacatggtga cgacggcccc agaaggggaa gggccaggga     1140
gccgttaacc cccgaggctc cgtgccgggt ctacacctgg tgaatgtcgg cttgttgtga     1200
agccgggagc accggtcccc gtgccggcag accccgatct taaagtaaaa agagcagtta     1260
accttgtctc tctcagtcct gaatatcgaa gctaaatatt cagccatttt tacccaagcc     1320

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<210> 8716
<211> 1101
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1102)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (313)...(1101)

```

<223> similar to gil840045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8716

tttcgtggac	agacagatag	tgggacttct	cagggccttg	acaagcccca	ccccacgctt	60
ggggtggggt	ccaggactac	agtccccgcc	cagtttgccg	acagtgaaaa	aaaaaaagta	120
ccgttccaaa	gcaggagcct	aggcagccga	gagggtgccc	gaacctgagt	ctgagttgcg	180
gccacttcag	gagctgagag	gagcaggatg	gaactgcagg	atccaaagat	gaatggagcc	240
ctcccttcgg	atgctgtggg	ctacaggcaa	gaacgtgagg	gcttcctgcc	cagtcgtggt	300
cctgctcctg	ggagcaagcc	ggtccagttc	atggatttcg	aggggaagac	atcgtttggg	360
atgtcagtgt	tcaacctcag	caacgccatc	atgggcagcg	gcatcctggg	gctggcctat	420
gccatggccc	acacgggggt	catcttcttc	ctggccctgc	tgctgtgcat	tgcgcttctg	480
tctgctact	ccatccacct	cctgctgacc	tgtgctggta	ttgcaggcat	ccgagcctat	540
gagcagctgg	gacagagggc	attcgggcct	gcggggaagg	tagtggtggc	cacagtcatc	600
tgtctgcaca	atgttggggc	catgtccagt	tacctgttca	tcatcaaate	tgagctcccc	660
ctggttatcg	gcaccttcct	gtacatggac	cccagggggg	actggttctt	gaagggaaac	720
ctcctcatca	tcatcgtcag	tgtgttaate	atcctgcccc	tgcacctcat	gaaacacttg	780
ggctacctgg	ggtacaccag	tgggtctctc	ctgacctgca	tgctgttttt	ccttggttctg	840
gtcatctaca	agaagttcca	acttgggctg	tgctataggg	ccacaatgaa	acagcaatgg	900
gagagtgaag	ctctcgtggg	gactccccag	ccaagggact	caacagcagc	tgtgaaggcc	960
cagatgtttc	acagttgact	cacaggtggt	cttacacagt	ggcccattat	ggctttttgct	1020
tttgtctgcc	accctggagg	tgctggccca	tctattacgg	agctttgccg	ggcctttcaa	1080
gcgcaggatg	cagggncgtg	g				1101

<210> 8717

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (463)...(1521)

<223> similar to gi2183083 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8717

ggcacgaggg	aggtaggcag	tggatatccat	cctgatgagg	cagcagaaaa	ggagatgact	60
tgagttgtgg	cagagaatgg	cactggcttg	gtaggcagct	tggagctgga	agaagagcag	120
ccagaactga	agatgtgtgg	ctacaatggc	tctgtccctt	ctgtggaate	gttacaccaa	180
gaggtctcag	tcctgggtccc	tgacccccaca	gtgagctggt	tagatgatcc	ttcacatctt	240
cctgatcaac	tggaagacac	tccaatectc	agtgaagact	ctctggagcc	cttcaactct	300
ctggcaccag	agccagtgg	tggaggacta	tatgggtattg	atgacacgga	gctgatgggt	360
gcagaggaca	agctgcctct	tgaggacagc	cctgtgattt	ctgcccttga	ttgcccttcc	420
ctcaataatg	ctactgcctt	cagtctcctg	gcagatgata	gtcaaacatc	aacctctatc	480
tttgccagtc	ccacctctcc	acctgtccta	ggggagtctg	tcctgcaaga	taacagcttt	540
gacctgaata	atggtagtga	cgctgaacag	gaagaaatgg	aaactcaatc	ttcagacttc	600
ccaccatccc	tgacccagcc	agctcctgat	cagtcatcca	ctattcagct	acatccagca	660


```

<400> 8719
gaatgcccac tggggccagg gtgggcaaaag gaggttggtg ccaatgtggt gctggaagta 60
gacccctcct ggggtctgaa cattctctgc ccaggtctt tccacctgg ggatgttggt 120
acaacatcca gctgtggtgt ctgggctatt tgtgtggtga caagacagac ctggtcaggg 180
ggtgggtggc aaacacctca cctggctggg cagaggccac cttgctgttt ggcccaaggc 240
caggtgaggc ccctcccttt ccaccattgc cctggccccg tggccattca ttcttggggt 300
ttgtctgagt cttccacaga gagcagcaaa gagatatggg agttgggtga tcagtgtatt 360
tactttgcag atttttctgg aaataacctc tagctgctgc tatttgcaag gctgggattg 420
gcctccctgt cttttccaac aatcaggacc ccactctgtc tgttcctggt cttctcccag 480
cctctgccct ccttctgtct cctgggtggt ctcccgttc gctcctggcc tttgcatggt 540
ccatctcttc tctttctccc ctcttcgcca ccctagatta tctctgtgtc cctctacctt 600
attctcttac cagttctttc ctttctgctt agagccggag ggagggaagc tggaatctgt 660
tatggtgtat tagggggagg agcctttctg ttatttcccc ccagcttcca tcaccttcc 720
cttaatgcca ggagcgccga ggtttggaac tgaggctaaa ccgaagggtt ttctcctgct 780
tctgtcacc cgtgtgtgtc cccggcatct cctcactatc tgggtccagg cccgggtcct 840
ccctgcagac tccctccctt ccagcccaca aggactccag cctgctggct ggtgaagaag 900
cttggaatga agcagtaaga aagttaacgc cagggtcaagc ctggggcccc aagggttccc 960
tgggcacagg ctgacactag gagctgtctt ccttggccgg ggacagctcc agcagctcag 1020
gctccagccc tccagtgagc cgctctcctt ggagagtagc aaagaatgga gaaaggcctg 1080
gcttgagagg aaatggagaa aacattgcct ggtagctgca gattcaaacc caccacacac 1140
accacggggc tagagtgact cacctgggct cacaccaact tctggccaat gcagggacca 1200
tgctctgcag acagcagtcc tctagcatgg cccagcatt cagccagtcg gtcacctgtg 1260
ggccatcccc atgtgtgagg aagcaggagt cagccacca gtgtctccac atcggagctt 1320
gcgggtcaga cctgtgggcc aggggatggg agcagggtg agggtagggg ctgaatgtgt 1380
ggctctgtcc ctgtgttgcc ttccacagag gagcaaggcc tcaggctgag gaaggagggg 1440
cacgtggaa cagcctagtc tctccccgtt ggattcccc aaacccataa cattcttcca 1500
taggggtga gaacgcagt ccccgctcct gacagggatg aaaagtgaac ccctcaggtc 1560
aggagaggca gagttgaggt tctgccactt cctgtccctg gggagccact caagttacca 1620
gggctaccgg gctgaaataa atctttttcc cgggttaggg ttcaaagggc aagtggattt 1680
tgccaaggca actgatgtag gccagttgac gtgactccca ggtttgtccc tgggtactcag 1740
tgggtcccaa tcacctggca ttgatcacct ggcattgatc agcaccacc ccacctga 1800
aggcttgccc agccccagg ccctcagatc cctgtctctt ctgcctttcc tgcccatgtg 1860
tcaccagca cccaagggtt agtgacacag ggtggtttgg agctgggtcac tgtcatagca 1920
gctgtgattt cacaaggaag ggtgctgcag ggggacctgg ttgatgggga gtgggaaggg 1980
gaaggaataa agagatcttc ctcaggaaaa aa 2012

```

```

<210> 8720
<211> 380
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (80)...(382)
<223> similar to gil377880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8720
atcgagcatg gctgccccca cggatgacgg cctgaccact gctgctccca cgctttatcg      60
acattccctg ccttctgtgc tatcttacct aggtcacccc agacgacatg tacgccaagg      120
cctttctgat caagcccaac acggccatca ccgggactga caggagaaag ctctcgagct      180
gatgagacaa cagatttccc acacccttgg aactgatcaa atctatgagt tattacctgg      240
aaaggacgag ctcaacatcg tgaaatcgaa tgctcacaaa cgggatgcat agactgcgta      300
cgtgagtgga gaaaaccaca tactttctga accgtagaaa aacctgtatc cagcagtgaa      360
cacgctgagc tcctatccct                                     380

```

```

<210> 8721
<211> 1776
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (84)...(1776)
<223> similar to gi238267 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8721
agcggcgcgc cagcggacac cgtgcgtacc ggccctgcggc gcccggccac cggggcggac      60
cgcggaaccc gaggccatgt cccatgaaaa gagttttttg gtgtctgggg acaactatcc      120
tccccccaac cctggatatc gggggggggc ccagccaccc atgccccctt atgtcagcc      180
tccttacctt ggggccccctt acccacagcc ccttttccag cctccccctt acggtcagcc      240
agggatcccc catggcccca gcccttacct ccaagggggc taccacaggg gtccctacct      300
ccaagggggc taccacaggg gcccttacct acaagagggc taccacaggg gcccttacct      360
ccaagggggc taccacaggg ggccatatcc ccagagcccc ttcccccca acccctatgg      420
acagccacag gtcttcccag gacaagaccc tgactacccc cagcatggaa actaccagga      480
ggaggggtccc ccctctact atgacaacca ggacttccct gccaccaact gggatgacaa      540
gagcatccga caggccttca tccgcaagggt gttcctagtgt ctgaccttgc agctgtcggg      600
gacctgttcc acggtgtctg tgttaccttt tgttgcggag gtgaagggtt ttgtccggga      660
gaatgtctgg acctactatg tctcctatgc tgtcttcttc atctctctca tctcctcag      720
ctgttgtggg gacttccggc gaaagcacc ccagagcttc tacaacaccg aggcagtcac      780
cgccagcctg tcgtacatgg tggggatgat cgccagcttc tacaacaccg aggcagtcac      840
catggcctgt ggcacacca cagccgtctg cttcaccttc gtcattctct ccatgcagac      900
ccgctacgac ttcacctcat gcatgggcgt gctcctgggt agcatgggtg tgctcttcat      960
cttcgccatt ctctgcatct tcatccggaa ccgcatcctg gagatcgtgt acgcctcact      1020
gggcgctctg ctcttcacct gcttccctgc agtggacacc cagctgctgc tggggaacaa      1080
gcagctgtcc ctgagcccag aagagtatgt gtttgcctgc ctgaacctgt acacagacat      1140
catcaacatc ttctgtaca tctcaccat cattggccgc gccaaaggag agccgagctc      1200
cagctcgtct tgcccgtca ggtggcacgg ctggcctgga cctgccccct ggcacggcag      1260
tgccagctgt acttccccct tctcttgtcc ccaggcacag cctagggaaa aggatgcctc      1320
tctccaaccc tcctgtatgt aactgcaga tacttccatt tggaccgct gtggccacag      1380
catggccccct ttagtctctc cggccccgcc aaggggcacc aaggccacgt ttccgtgcca      1440
cctcctgtct actcattgtt gcatgagccc tgtctgccag cccaccccag ggactggggg      1500
cagcaccagg tcccggggag agggattgag ccaagaggtg aggggtgcacg tcttccctcc      1560
tgtcccagct cccagcctg gcgtagagca cccctccccct cccccccacc cccctggagt      1620
gctgcctctt ggggacatgc ggagtggggg tcttatccct gtgctgagcc ctgagggcag      1680

```

```

agaggatggc atgtttcagg ggagggggaa gccttcctct caatttggtg tcagtgaat 1740
tccaataaat gggatttgct ctctgcaaaa aaaaaa 1776

```

```

<210> 8722
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (116)...(313)
<223> similar to gil98658 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8722
ctcaggaaca acagataacc tcaacagccc tatatctact ggagaaaatt cataacttaa 60
aaccttcctg caaagaaaat tctaggctcc aatggtagaa ctcttatctg aagaagaaat 120
aataccagtt ctatcaaact caccgagaaa attaaagaag agagaataca ctgtaactca 180
atctacaagg ccagcattac cttgctaaca aaggtagaca gtgatattca ttaaaataaa 240
gttagagcta tttatccctc ttgaacatag atgcagaaat tcttggaata actcagcaaa 300
tcacatacaa cca 313

```

```

<210> 8723
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(339)
<223> similar to gi510406 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8723
atgagctcaa aatttgcttt gagagctaca gggaattgct attactcctg taccttggtc 60
ctatctactt aaactttatt accggaggct cttttcctac tctctgtact atcgatggct 120
caactacggt ccatagatac taatttactt tcaacaccct gaattttcat tctcattgta 180
agatgatatt atacattctc ttocctatct ttatcatcct cagtgtattc ggatatggag 240
atgctcaata tgatttcatt ctagaatgat atttcctcat aatattcata cataccctat 300
cgtcacaat cagtgaagct tggatcttta catgcttctt gataaagaac aag 353

```


<210> 8724
 <211> 1578
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (439)...(1556)
 <223> similar to gi509838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8724

ggcacgagcc	cgtcctgtta	gggcagtact	cttaaccaa	ctaaatgcta	agattacttt	60
ttctctgaga	tgattggaca	tccaggtgcc	ttcagacca	gcatgtgctc	tgcaggccat	120
attattacaa	ctggagatcc	ttgaaagtgc	ctgcaccct	gaagagatac	tccaaaaggt	180
tagtccggaa	acatgggcag	atgggaggcc	agggaaaaca	aaaactgcat	ctccagtaca	240
agtcaagttt	tgtgcaggag	tggcgctgcc	aaatctaaag	cagcgtcctt	tgagagaaaa	300
ggcacagcaa	tgcatttagc	ctctgcta	ggccttcctg	caatacagga	agaattcctt	360
gtttctcatg	taacatacct	gtcttgccag	gacaaaaaca	tggaaactgag	gattattggt	420
ttgtacagga	tttgagggct	actaggcaaa	ttttcaaagc	catttatctg	gtgatacctg	480
atgcttatac	attattcatg	actttaacca	gtgagttgta	ctgggtgttca	gtcttgaatc	540
tgaaggatgc	cttcatctgt	attcccctga	gtccagagtc	ccatgaagtg	tttgcccttg	600
aataggaaga	ctctgacact	aaagctaaat	gatagtattg	ctggatgatg	ctccatcaag	660
gcttcaaaaa	ctcactaacc	gtccggggga	aatacatgct	aaggagtgtt	gggacctcca	720
attgaaaaat	gagactttgc	ttatatatgt	tgatggcata	ttagaagcca	gcacaactat	780
ggcaaattga	ccagaatatt	atactggctt	tacatttttt	tttttgtctg	gatggggatc	840
caaagtatcc	aagaaaaaaa	tcacaaatat	tgaaaaactc	aattatata	tttaggtttg	900
aattttctca	ggagcagagt	aatctgcttt	tcggactggg	agagaagctc	ttgtcagggg	960
ggccagactc	aggacatggg	cagcagctgg	tgaggggttt	ttaggtatgg	ctgaatgttg	1020
ccatatttca	ttttcttatt	ttgggcttat	agcaaaatgg	tctctatgaa	gccctaagac	1080
cagacacttg	acctcctaga	atggaccaag	ggaatgtcca	aaaggccttt	ctaaccatta	1140
aggtaaaaaa	ttactaatgg	atctggctta	ctggagagcc	ccctgaacta	agaaagccca	1200
ttggattttg	tcataccatg	agagagaagg	gatgggggtt	aggagtagta	accccaaaga	1260
acttggggaa	tatcatgagg	cctgtagcct	acttttcaaa	acagctggac	attgttatga	1320
tgggttggac	ttcttatctc	tgaccactgg	caccacttgt	gatcttctcc	aggaggcaga	1380
agagttcact	ttgggttaac	ctagcactgt	acacacccca	caactgtgtat	gctattttgt	1440
ggaacagaag	tggagctact	gacttacctc	tagaagactg	aatagatatc	aggtcatcct	1500
cctggataat	cctagtgtta	ctttgagagc	tgtttctgct	ttaaatcctg	ctaaataaac	1560
ctatacatga	ttgcatat					1578

<210> 8725
 <211> 879
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (356)...(707)

<223> similar to gi3875269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8725

tttttttttt	ttctgagcca	tggcaaaagc	agttttttta	agcttagtca	agttgaagca	60
gcgggagtgg	aggaggatca	gagaaacctc	tgtagtgtg	attggttcct	tgtcgctcc	120
actgcgtacc	cgctgagctg	ggctttgggc	aggtagagcag	cacagaggct	tccctcctcg	180
tccctcccca	cacccacca	tcgccacagc	tccctccgcc	gccggtgggg	caccagatg	240
gggagaagct	gaggaggcca	ctgttcaccc	aaactggttg	gtccttcggg	caatgctggg	300
aatagggtgg	gggctctggg	caagcccagg	aggaggagg	cctggctgag	ttccaggac	360
atctcacacc	cacaaggag	gatctagctg	gtgccctccc	tgtactgtca	ggaggccaga	420
gggcccttct	ccagctcatc	agggagggaa	ctgctctggc	agggagtagg	gaaggctggt	480
tgtggcatcc	ctcaagaaag	ctcctgcctc	agaagaggcc	caggcaaaaa	gagcccacaa	540
cagtctacct	gtggagcagg	gggagccac	agagccagg	gggagccac	agagccagct	600
gagagctggg	ggtccttgc	gccaactcag	accctcagat	ccaagccaat	ggctttgggg	660
cagggcagcc	aaagccatgg	taagatagcc	tacaccacag	agccccagag	gcaggggctg	720
ccccgggctg	gcacatttgg	aaaggatgca	cttgaccct	gtccacggaa	gagctgtcat	780
caggcctcaa	gcattctcaga	atcctcccca	ggcactgcct	ccatggaggc	agccggagga	840
acaggacagt	tctgggggtcc	gaaccctctg	ttggggaat			879

<210> 8726

<211> 1679

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1567)...(1679)

<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8726

atttgaccta	gtgagcaaga	agtaggaact	acattagact	tagtggaag	acatttgc	60
cagagggtag	gaaataaata	tgactacaat	tcaaggcct	tctaccttag	tgaaattggt	120
agggacccag	tgacatggg	catgttagga	tatttcttct	acggtgaagg	ataagtactt	180
gcatcttgc	gctcttaaaa	ccaagaaaga	ggcacaatac	ttagtgggcc	tctttgggtt	240
ttggaggcaa	cattttccaa	tttcattatg	ttacaccagc	ctgtttacca	attgactcaa	300
aaagctgcta	gttttgagta	gggccagaa	caagaaaaga	gtctgcaaca	ggtccaggct	360
gctgtgcaag	ctgctctgcc	acttgggtca	tatgatccag	tgggtgttca	gtggcagtgg	420
cagataggga	tgctgtttga	agcttctggc	aggctccctat	agggtgaatct	tgggttagga	480
ttttagagca	aagccgtgcc	attaccaaca	aataactagt	ctctttttga	gaaacagctc	540
ttggcctgct	actgggcctt	agtagagact	gatacttaat	gagtcaccaa	gttaccgtgc	600
aacctgagct	tcccatcatg	aactggatgt	tatctgagcc	accaacgcac	aaagttggat	660
atgcacagca	acactctgtc	atcagatgga	agtgggtatac	acatgattgg	gcctgagagg	720
ccctgaaggc	acaaggaagt	tacatgaaga	agtaggccaa	atttccatag	tccccacttc	780
tgctacctgc	cttctctctt	ccagcctgca	tcggtggctt	catggggact	tccctgtgat	840
cagctgacag	agaaagagaa	gacttaggcc	tggtttacag	agggttctgt	atgatatgca	900

```

ggtagccacc taaagtggat agctgcagca ctacatctca cctctgggct accttgaagg 960
acagtgggtga agggaaatcc tcttgggtga cacaactttg agcagtcccc ctgttgactt 1020
tgcttagaag gaaaaatagc cagatattca attatatgcc aattcatagg ccgtggccag 1080
tggtttggct ggatgggtcag ggagttcaat ataactggaa aattgggtgac aaagaaatth 1140
ggagatgaag tatgtggata gacactgaat gggcaaaaag ggtgaagata tttgtgcccc 1200
atgtgaatgc tcaccaaagg gttagcaaaa aaggatttta ataaagtggg caagataacc 1260
tggtctgtgg atactagtag gcctctttct ccagccacac ctgtcatcac ccaattgttt 1320
catgagcaaa gtagccatgg tgataagaat agaggttatg catgggctca gcaacgtgga 1380
cttctactca ccaaggctga cctggccaag gctatctctg agtgcccagt ctgccagcaa 1440
cagagacca cactgagccc ctgatatgac accattcccc agggatcatca gtcagttgcc 1500
tagtggcagg ttcattacat tgatccacct ctatcattga agggatagtg ttttatcctt 1560
actgaaatag atcttactct ggatacagat tcactttccc ttcgcgcagg gtgtctgcta 1620
aaactacat ccgtggactt acagaatgtc tcacttatga ccatgggtatt ccacacagg 1679

```

```

<210> 8727
<211> 1797
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1798)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (43)...(1797)
<223> similar to gi4185892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8727
tttcgtgggg aggcgcgctg ggctatgggg cggcgggtgc ggggtcggcg gctccagcaa 60
cagcagcggc cggaagacgc ggaggtatgg gccgagggtg gtggaaagcg cggcgaggcg 120
ggctgggaag gaggtctacc cgagatcgct aaggagaaca agctgttcga gcactactac 180
caggagctca agatcgtgcc cgagggcgag tggggccagt tcatggacgc tctcagggag 240
ccgctcccgg ccactttaag aattactggg tacaaaagcc acgcaaaaga gattctccat 300
tgcttaaaga acaaatatth taaggaattg gaggacctgg agatggacgg tcagaaagtt 360
gaagtccac agccactgag ttggtatcct gaagaacttg cctggcacac aaatttaagt 420
cgaaaaatct tgagaaaatc gccacacttg gaaaagtthc atcagtttct agttagtga 480
acagaatctg gaaatattag tcgtcaagaa gctgttagca tgatcccacc actgctcctc 540
aacgtgcggc ctcatcataa gatcttagat atgtgtgcag cacctggctc aaagaccaca 600
cagttaatth aaatgctaca tgccgacatg aatgtcccct ttccagaggg atttgthatt 660
gcgaatgatg tggacaacaa gcgctgctac ctgctcgctc atcaagccaa gaggtgagc 720
agccccctga tcatggtggt caacctgat gcctccagca taccagggt ccagatagat 780
gtggacggca ggaaagagat cctcttctat gatcgaatth tatgtgatgt cccttgagc 840
ggagacggca ctatgagaaa aaacattgat gtttggaaaa agtggaccac cttaaatagc 900
ttgcagctac atggcttaca gctgcggatt gcaacacgcg gggctgaaca gctgggctga 960
aggtggaagg atggtgtatt ccacgtgttc actaaacct attgaggatg aagcagtc 1020
agcatcttha ctggaaaaaa gtgaaggtgc tttggagctt gctgatgtgt ctaatgaact 1080
gccagggctg aagtggatgc ctggaatcac acagtggaag gtaatgacga aagatgggca 1140

```

```

gtggtttaca gactgggacg ctgttcctca cagcagacac acccagatcc gacctaccat 1200
gttccctccg aaggacccag aaaagctgca ggccatgcac ctggagcgat gccttaggat 1260
attaccccat catcagaata ctggagggtt ttttgtggca gtattggtga aaaaatcttc 1320
aatgccgtgg aataaacgtc agccaaagct tcagggtaaa tctgcagaga ccagagaaag 1380
cacacagctg agccctgcag atctcacaga agggaaaccc acagatccct ctaagctgga 1440
aagtccgtca ttcacaggaa ctggtgacac agaaatagct catgcaactg aggatttaga 1500
gaataatggc agtaagaaag atggcgtgtg tggtcctcct ccatcaaaga aaatgaagtt 1560
atttgattt aaagaagatc catttgattt tattcctgaa gatgacccat tatttccacc 1620
tattgagaaa ttttatgctt tggatccttc attcccaagg atgaatttgt taactcggac 1680
tacagaaggg aagaaaaggc agctctacat ggtttctaag gagttgcgga atgtgctgct 1740
gaataacagt gagaagatga aggttattaa cacgngatc aaagtctggt gtagaaa 1797

```

<210> 8728

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(802)

<223> similar to gil698455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8728

```

ctagtttgag gcactatgat atataagact tcattttgca attattccct atcaaggcaa 60
aatcaattct gctaaaatgg tagcaaggac aaacatcaaa ttgatggtga aagttgtgat 120
gtggaagaat ggtgaaatca ttgatacttt acaaatagtt tatggggaca atgccccaaa 180
gaaatcagta gcagtttaca aatgcataac tagtttaaga cgaagcaaag ttttagatga 240
agcctgcagc agcagaccag tcacatcgat ttgcaaggga aaagttaatc ttgtttatgc 300
caacatctca attggttcag cttacacaat tttgatggaa aattaaattt gagcaaactt 360
tccactcatt ggatgccaca actgtacacc cagatcagct gaagacaaga gcaaagcttt 420
caatggaaat ttaaacaagt gtgatcaaga ccctaaagga tttctttgaa aaattgtaac 480
aagagataga acatggcttt actagtacac ttttgaagac aaagcacagt caaagcaatg 540
gctaccaaga gggggaagtg gtccagtcaa agcaaaagca ggctggtcaa gagcaaaggt 600
caaggcaaaa caggtttttg gaatgctcaa atcgttttgc ttgttgactt tctggagggc 660
caaagaacga taacatctgc ttatgagagt attttggtga aaaaaattag ccaaagcttt 720
agcagaaaaa cgcctgagag agctttacca aaacgtactc taccccaaca atgcaggcaa 780
ggtccttcat caaactaggg

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<210> 8729

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (871)...(1102)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8729

taaattagta	tggttttaag	atagttttac	agatagatta	gataatctat	ctagagatag	60
atagggagag	atatctatca	atacatatct	ctatctagat	atagatagat	ggttttctat	120
atagacctat	ctatctatat	atgtatacat	ctatatatgt	ctacacatat	ctctatacac	180
atatatatat	ttatatctcc	atctatatatt	ctacatgtat	ataggtatgt	atatatctac	240
atgtatatat	gtatatagat	agatatatac	ataggtatct	gtatatatgc	atatacatgc	300
ctatctatct	ttatctacat	gtattacata	gatagggtaa	ttactgataa	atcctttggc	360
cttctttgta	aatctctggg	ctaaagaccc	ctccagtatt	atacatgttc	tggctctagat	420
tgctcactca	ccagttctcc	tcactatcta	gagaagatcc	acttagcagg	cctcccccta	480
aagaagggca	ccttaactgg	actcactcct	cccatagtag	actgcacagt	acacaagcag	540
aagaggagag	ctcaataata	aagtcagcat	aaaggataat	ttttaaatga	ataaagaaat	600
cagaaaatcc	agtattggct	agcacatatg	gctatcagca	agctcaccct	acaaaaaaat	660
agtgagaaaa	cagttcgaat	attggccggt	tggggcacat	attctacaaa	aaggaaaagt	720
tttgaaatgt	atatatatatt	aatttaactc	tttaaaatat	ttgtaggcaa	gcccagtggt	780
tcacacctat	aatttcagaa	ctttggggagg	ccagggcagg	aggattgctt	gaggccagga	840
gaccagcctg	ggcaacatgg	caagacccca	tatctacaga	tggttttaaa	aaattagcca	900
ggtataacac	agtgaacccc	cgtctctact	aaaaatacaa	aaaattagcc	gggcgcggtg	960
gctcacgcct	gtaatcccag	ctactttggg	aggccgaggc	aggagaatgg	cgtgaacccg	1020
ggaggcgagg	cttgccagtga	gccgagatcg	cgccactgca	ctccagcctg	ggcgacagag	1080
cgagactccg	tctcaaaaaa	aaaa				1104

<210> 8730
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (466)...(592)
 <223> similar to gi4929727 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8730

acactgaact	gaagactgtg	tcatctgaat	cattctatta	gtcactttaa	tgatttatat	60
tgtgaacttt	tttgggggaa	actgtcatta	aactgacttg	aaaccctgat	atttgaacat	120
aaaactattg	tggagggaat	aaataacaat	tctttcagat	aatgaatgga	ttataagcaa	180
ctccaggaga	caaaaaaagt	gtctagaaca	aatttcagcc	tactcttgct	cggaaatatg	240
ttccttaaat	gtttaaataa	ttaacaaaaa	tgcatagcag	tacagtaa	ttttttatga	300

gcttcctatt gatacaggca ttttaagtaac aactttttatc tgtcaaaggc tttcgcagaa	360
gaggtttcttt tttgatcagg gcgatggaac tgttcatctc tgggtgccta tcaaccctct	420
cagttttcta agttattgat tgtctttgct ctgctatctt tggcagccct ctggttgctat	480
tctttgacat tcatgagatt tgcctacaag gtacagcctc ggaactgggc ttctgtttgc	540
atgcccacgg caacaaatgg aagtaggccc agttcnccgg ggggaggggc gg	592

<210> 8731
 <211> 2297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (366)...(0)
 <223> similar to gi4379026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00400725-010100

<400> 8731	
cggggtaatg ttggcttcat agaatgactc agaaaggggt ctgtttctca actttttgga	60
ggagttcgag aaggattagt gttaattcat ttctaaacgt ttggtagaat tcaccagcga	120
agtcatcagt tcttgggctt ttctttgtta ggagagtttt ggttgctgat tcaatcagaa	180
ttgaatatca ttaactttta tagatctatt cagatttatt ctttgctctt gagtcaactt	240
tggttggttg tatgtttcta ggaatttgct tgtttcatct aggttatcca attttttgac	300
atatagctct tatacgaatt ctcttacaat cctttttatt cctataaatc agtagtagtg	360
tttttcattt ctgatttttag taggtgagta ttctttttcc ttaatctaga taaagctttg	420
tcaactttgt tgatctcttc aaagaactaa ttttttggtt cattgattct attggttttc	480
tattctctat ttcattttatt tttgctctaa tccttattat ttcttctctc tttatggctt	540
caaactcaat tgaacataaa gtattaagaa atttgacttt tttctcaaat gtctaaaatg	600
taacaagaaa tatgtctaga gtcatacaaa agcagcctgt ttgtcagatt tactgtttta	660
tccatgtaaa cagctttcat ataattcatg atagaatatt actatgtgct ttggaagaca	720
ctgaaggaaa gacaaaaggt cattgggcag aaccacccta gattgactgt taaggccatc	780
ttctagtttg caggacttgt ggtagacaga cagaataata tcctggacct cttgggtgta	840
tacaggacaa actgaaataa actctcattt ttagatcata atgtcatcat gaaacatatc	900
aattcgggtct atttctgaag aaaacaagca caatgataaa gtttgaatgt ttgtctctc	960
caaactctcat gctgacattt gatcccaat gttggaggtg gggcgactg ggaggtgttt	1020
tggttacggg ggcagatccc tcatgaatgg cttggtgctg tcttcatggg attatgttct	1080
cactcctact tcctgtgaga tcttattggt aaaaagaatc tgataccttc ctccctctc	1140
ttgctctctt cctccctgat catgtgacac acgggttccc ctttgctctc caccacgatg	1200
gaggcttcct gaggccctca acagaagcag atgctggtgc catgcttctc gtacagcctg	1260
cagaatttggt tgagccaaat aaacctcttt tccttatata ttaccagcc tcaggtattt	1320
gtttatagca ataaaaacag actgagacac atgatgaaga ccctttgata tcctataaat	1380
attgatttct ctccctgaga gaagagcatg aatctaagt atgccattac tctaagtga	1440
attccacaac tcttctcaaa gatgtggccc atatgttctt aataatggct ttctaagaat	1500
ctgttctgaa ggggtacctt ctctctgatt ttcatttgca tttcctgctt agcttacaca	1560
cttcaccttg cctatccacc tgtcctgacc ccaataacct ccatcatcag acatctcatc	1620
ttacctacct actttctact tttcccagtc cttcccgtgc ttcataaacc atgatcatga	1680
gctagagaca caaggtcata gctaaggagt tgggatcaga aaatcacctt ctgtgatttt	1740
ccattattct caatacataa cttcaacaaa atcaagaaaa tcatgaaagg acatcctaag	1800
gggtcaggtg aggttgacgt ggggttagtc ggtcaatagt ttctttatgc caattaggat	1860
ttctgcagaa aacaatgaaa cactgggttta aacagtaaaa atattttaat tccttacaga	1920

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agcccatgga acatacactc caggtttaat tcatcagctc aatagcatca tcaacgactt 1980
aggttctttc cactttctgc ttgtcatctg tgttggtttt attttcaagc tagctcctcc 2040
ctggttgcaa gataattgca gcaggtttag ttatcatatt cggacatgct aacgcccagg 2100
ctagtgatcc cttccttaca tttctttctc attttaagaa caaagtgttt aaaaaattat 2160
acttaaaatt attggcatct ctgtcaattg aaagatgtca atctctttca tttttcctaa 2220
tcactaataa catctactaa aaacaaaatg tctgtgtaaa taatttattt gaataaaatt 2280
aaagttgttg agtgaata 2297

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<210> 8732
<211> 1380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(1339)
<223> similar to gi402649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8732
agccgcaaac ccagcggagg gcgggaagaa ggaggaggcc tctaggggtg tcgggggact 60
gggggccccg ccggcagagg tccctcggcc tcctgactga ctgactgcgg ccgcctccgg 120
ccaggacgct gggagctgcc tgacgggaag gtgcggggag cggagccatg gcctccgggtg 180
cgtataaccc gtatatagag ataattgaac aaccaggca gaggggaatg cgtttttagat 240
acaaatgtga agggcgatca gcaggcagca ttccagggga gcacagcaca gacaacaacc 300
gaacataccc ttctatccag attatgaact attatggaaa aggaaaagtt gagaattaca 360
ttagtaacaa aagaatgacc catataaacc tcatcctcat gatttagttg gaaaagactg 420
cagagaccgg ctactatgaa gcagaatttg gacaagaacc gcagaccttt tgtttttcca 480
aaattttggg tattcgatgt gtgaagaaaa aagaagtaaa agaggctgat aattacaagg 540
aataaaggca ggaatcaatc cattcgatgt cccctgaaaa cagctgaatg atattgaaga 600
ttgtgacctc gatgtggtga gactgtggtt tcgagttttt ctccctgatg gacatggtaa 660
tttgagcgac tgctcttcct cctgtgtgtc tcgagcccaa tttatgacaa ccgtgctcca 720
aatactgcag aattaagggt ctgtcgtgta aacaagaatt gtggaagtgt cagaggagga 780
gatgaaatat ttctactttg tgacaaagtt cagaaagatg acatagaagt tcgttttgtg 840
ttgaacgatt gggaagcaaa aggcattctt tcacaagctg atgtacaccg tcaagtagcc 900
attgttttca aaactccacc atattgcaaa gctatcacag aaccgtaac agtaaaaaatg 960
cagttgcgga gaccttctga ccaggaagtt agtgaatcta tggatttttag atatctgcca 1020
gatgaaaaag atacttacgg caataaagca aagaaacaaa agacaactct gcttttccag 1080
aaactgtgcc aggatcacgt taattttctt gagagaccaa gacctggtct cctcggttca 1140
attggagaag gaagatactt caaaaaagaa ccaaacttgt tttctcatga tgcagttgtg 1200
agagaaatgc ctacaggggt ttcaagtcaa gcagaatcct actatccctc acctgggccc 1260
atctcaagtg gattgtcaca tcatgcctca atggcacctc tgccttcttc aagctgggtca 1320
tcagtggccc accccaccca cgaaatcgct gaccgggaa gtccggtcgg accgagtcct 1380

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<210> 8733
<211> 548

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (206)...(548)
<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8733
cgcagggtcca tgtctaaact aatcagcaaa attcattcca ttggacacag tgattagctt 60
gtggttggtgc acatgaacca atttgatca atgagaacct gaccctgact tttagtgtac 120
tgttggggtg aggtgtactg tctttcctac agaacacaaa cttccagctg tagaaagtca 180
tctcatagtg tcaagaagtg agtctgtcat caacaaaata taggcaaacc aaatctggga 240
acataataaa agataataca tcatgaagaa gtgggattta ttctaggaat gcaagggttg 300
ctcaacataa gaaaagcaac aactgaaata taccatatta atagaataag gacaaaaacc 360
acatgatcat cttaactggt aggaaaaagc atttgacaaa atctaacatt atttcatatt 420
aaaaacactc gacaaactag gaatataagg gaactttttt aatttgatga aaaaaatcca 480
tgaatatcac acagccaaca taaacttaat ggtaaaagac tgaaagcctt ccccctaaca 540
ttnggaac

<210> 8734
<211> 1728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (189)...(1728)
<223> similar to gil946992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8734
gccctgcggg gacgccagc gcagcccagc cccgcgcagc ccagccctgc cctgccctgc 60
cctgccctgc cctgcgccg gggcgcgcc accgcgccg atccatgttc gacaccacac 120
cccactctgg ccggagcacg ccaagcagct ccccatcgct ccggaacggt ctgcagctcc 180
tgcccccaag ccggccccca cctgagccag aaccaggcac catggtggag aagggatcag 240
atagctcctc agagaagggt ggggtgcctg ggacccccag caccagagc ctaggcagcc 300
ggaacttcat ccgcaacagc aagaagatgc agagctggta cagtatgctg agccccactt 360
ataagcagcg taatgaggac ttccggaaac tgttcagcaa actccccgaa gcagaacgcc 420
tcattgtgga ttactcctgc gccctgcagc gtgagatcct gctccagggc cgcctctacc 480
tctctgagaa ctggatctgc ttctacagca acatcttcg ctgggagacc acgatctcca 540


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tccagctgaa ggaagtgaca tgtctgaaga aggaaaagac ggccaagctg atccccaacg 600
ccatccagat ctgcacggag agcgagaagc atttcttcac ttcctttggg gcccgtagacc 660
gctgcttcct cctcatcttc cgctctggc agaatgcact gcttgaaaag acgctgagtc 720
cccgcgagct ctggcacctg gtgcatcagt gctacggctc agagctgggc ctccaccagt 780
aggatgagga ctatgtctcc cccttgagc tgaacggctc ggggaccccc aaggaagtgg 840
gagatgtgat cgccctgagc gacatcacct cctcgggggc agctgaccgc agccaggagc 900
caagcccagt gggttcgcg cgtggccatg tcacgcccc a cttttcccga gccagcagcg 960
acgcagacca tggggcagag gaggacaagg aggagcaggt agacagccag ccagacgcct 1020
cctccagcca gacagtgacc ccggtggctg aacccccgag cacagagccc acccagcctg 1080
acgggcccac caccctgggc cccttgatc tgctgccag tgaggagcta ttgacagaca 1140
caagtaactc ctcttcatcc actggggagg aagcggactt ggctgccctg cttcccagacc 1200
tctccggccg cctcctcatc aactctgtct tccatgtggg cgctgagcgg ctccagcaga 1260
tgctcttctc ggactcgccc ttctccagg gcttcctaca gcagtgaag ttcacagacg 1320
tgacgtgag cccctggagt ggggacagca agtgccacca gcgccgggtg ctgacgtaca 1380
ccatccccat cagcaaccca ctggggccca agagcgctc cgtggtggag acacagacgc 1440
tgttccggcg cggcccccag gccggcggtg gtgtggtgga ctccgaggtg ctgacgcagg 1500
gcatccccta ccaggactac ttctacactg cccaccgcta ctgcatcctg ggtctggccc 1560
ggaacaaggc gcggctccg tgagtgtgg ctgggcccct ccacccgatg ccctggtggc 1620
cccaggcct cctgtccact cctcatgtca gcagcagagc cttggttccc accctggtgg 1680
aggaacagaa gcgtgggggt cctgaggccc ttgtctccg aatagtgg 1728

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<210> 8735
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (79)...(367)
<223> similar to gi2072953 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8735
gaacaaataa gacagtaaat ctagaaaaca agtagcaaaa tagcaaatat aaaccacccg 60
tgtcaataaa gtgaatatct aaacatgcca aaccaaaggc agattctgtt aagctggatc 120
ttctgtgctg gagagacaca ctttaaattc aaaaacacaa acagattgaa agacaaagga 180
tggaaaagga taaaccatac taacagtaac cacgaaagag ctggagtggc aatattaaat 240
atcagacaaa atggatatta agatagattt actaggatct gacacatgtt tcatagtgtat 300
agtacagggg tagctgtaac agttacaaat gtatatgcac taataatgac ctcaaaatat 360
aggaaacaaa actgaactga attgaa 386

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<210> 8736
<211> 447
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (8)...(417)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8736
 aaaggaagaa attataccaa ttctctgaaa tctcttttcag aatataaaaag cagagggaat 60
 acttcctaac tcattcaatg aggctagaat taccctaata ctaaaacaaa acagacatta 120
 caaggaaaat aaacctata gaccaatctc tcatggacag acatgcagaa atccttaaca 180
 aaatatcagc aaattgaatc cgataacgta tgaaaagaat tatacaccat ggccaagtga 240
 gatttagcta aggtatgtgg ggttggttca acattagaaa acaaattaat gtaatccatc 300
 acacccatag cctaaagaag aaaaatcaca tgatcatatc aataaatgca gaaaaagaat 360
 ttgacaaaat aagaaaactt cctaaactta ggaacatcta caaacaaaac atatagttaa 420
 catcataagt aatggtgaga aactcaa 447

<210> 8737
 <211> 1140
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (305)...(1139)
 <223> similar to gil334643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8737
 tttttttttt ttaaaaaatc aataaacatt tatttgatac agtcatttta atacatacag 60
 tgatggcccg tccccacgcc actcgggacc agggcgcggg gcggggacga ggaccgggga 120
 cagatggtca caaggcgggc ggggcccga ctcaccgttg aaacatctcg caaataaaca 180
 ctttgtagat agaatatata tgtatatata tatggttaca agtgatagct ggaacctctt 240
 tcaaaatgca cttatgtact gagaactggc attaaaaaac ccaaaccaag aaacccaaag 300
 cacgggacgc ccggccgcga ggcaggggaa agcctggggc ccagaccg ggctggggg 360
 agccgcctgg ggccccgcca aacgcggcac acggggacgc cccctcccgg ggtcaggctc 420
 actggtcct tcccttcagc gccaccaggc aggagggcca acggtcacac aggaggcacc 480
 ctcacctgcc tttgcaccag caaataaagt gcatccatt ttcgtgtgag cgtcggcccg 540
 gtgagtcagc ccttcggggc cctttcctgt tctcagggca gggggcgtgc gctgagccag 600
 aggtagatct gcagaaaggg ccccgactgg gcctcgggca gggccggcgc ccaccacact 660
 ctgggggtca gctatgctgg tccctctcac tgagggtccc tggaggccta tgtgggccag 720
 cgtagggagt gggcagaccc tgctgagctc caccagggc cccaccctt gggaggaggg 780
 ctctgcggac cagcatgtgg cagagggagg gcagaaagga gggggtcaga cccaacagcc 840
 acttctggca gtagcccca cgccacctt aaagacaaag ggggttaaag tgttaaacad 900
 caaggtatcc aggactctc tccccacacc agggattatc tgtgggcttt gggagtgtcc 960
 cggaaactca cccccagcaa aaaccagacc ctcttctctt ctcccgaagg gccaaagtacc 1020
 tgagaggctg gggcaggcac cacaccctgc aggtgttcag gtccaccctc ctcccgccat 1080
 tggtggcaag gacaaagtgc acctaggccc acgcccagtg cctgctcccc tccccctccc 1140

<210> 8738
 <211> 530
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (92)...(531)
 <223> similar to gi2072953 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8738
 gtggtaacgt ttgagtccca ccaaaccaca attataaaca ataagaaaga aggaaacaaa 60
 ggatatacaa aaccagaaat tatttaataa agtgacagga ataagccctc acatatcaat 120
 agcaaccctg aatgtaaatg aattaaactt tccactggaa agacagagac tggctgaatg 180
 gatttaaaaa aacattactc aactatatgc tgtgtacaag aagctcatcg cacctgtaca 240
 gacacatata gacttaaagt acagggatga aaaaagatat tccatgcaaa taaaaaccaa 300
 aagcaagcag gactagctat acctatatca gataaaacag actttaagtc aaaaacagta 360
 aaagacaaag agagtcatta tataataaca aagggattaa ttcataaga ggctataaca 420
 cttctacata catctgcacc ctacaccaga gcactcagat gtataaagca aatattatta 480
 aatctaaagg gagagacaga cttcagtata ataatagctg aggacttcaa 530

<210> 8739
 <211> 1888
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (308)...(1853)
 <223> similar to gi4559353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8739
 tttcgtggtg gcaggggtgt ggatctgttg gtcccgtttt cccgtcgac gtggtggcca 60
 ctggttggtt ctgaatggtt tgcaaggcgg atatccacgc caaggccttt ggatcggccg 120
 tgggtacatc cgtctgagcc gtccctttcc atcgagagc ggcggcctcc ggcggcgctc 180
 tccagtcatg gactaccggc ggcttctcat gagccgggtg gtccccgggc aattcgacga 240
 cgcggactcc tctgacagtg aaaacagaga cttgaagaca gtcaaagaga aggatgacat 300
 tctgtttgaa gaccttcaag acaatgtgaa tgagaatggt gaaggtgaaa tagaagatga 360
 ggaggaggag ggttatgacg atgatgatga tgactgggac tgggatgaag gagttggaaa 420
 actcgccaag ggttatgtct ggaatggagg aagcaacca caggcaaata gacagacctc 480

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cgacagcagt tcagccaaaa tgtctactcc agcagacaag gtcttacgga aatttgagaa 540
taaaattaat ttagataagc taaatgttac tgattccgtc ataaataaag tcaccgaaaa 600
gtctagacaa aaggaagcag atatgtatcg catcaaagat aaggcagaca gagcaactgt 660
agaacagggtg ttggatccca gaacaagaat gattttattc aagatggtga ctagaggaat 720
cataacagag ataaatggct gcattagcac aggaaaagaa gctaattgtat accatgctag 780
cacagcaaat ggagagagca gagcaatcaa aatttataaa acttctatatt tgggtgttcaa 840
agatcgggat aaatatgtaa gtggagaatt caggtaagtt cagatttttc cctccagttg 900
gtttaatttc tatttcctaa aacattaaaa taataatgga atgattgaaa taataaacat 960
ttttcttatt caagatttcg tcatggctat tgtaaaggaa accctaggaa aatggtgaaa 1020
acttgggcag aaaaagaaat gaggaactta atcaggctaa acacagcaga gataccatgt 1080
ccagaaccaa taatgctaag aagtcatggt cttgtcatga gtttcatcgg taaagatgac 1140
atgcctgcac cactcttgaa aaatgtccag ttatcagaat ccaaggctcg ggagttgtac 1200
ctgcaggtca ttcagtacat gagaagaatg tatcaggatg ccagacttgt ccatgcagat 1260
ctcagtgaat ttaacatgct gtaccacggt ggaggcgtgt atatcattga cgtgtctcag 1320
tccgtggagc acgaccacc acatgccttg gagttcttga gaaaggattg cgccaacgctc 1380
aatgatttct ttatgaggca cagtgttgct gtcagtactg tgcgggagct ctttgaattt 1440
gtcacagatc catccattac acatgagaac atggatgctt atctctcaa ggccatggaa 1500
atagcatctc aaaggaccaa ggaagaacgg tctagccaag atcatgtgga tgaagaggtg 1560
tttaagcgag catatattcc tagaaccttg aatgaagtga aaaattatga gagggatatg 1620
gacataatta tgaaattgaa ggaagaggac atggccatga atgccaaca agataatatt 1680
ctataccaga ctgttacagg attgaagaaa gatttgtcag gagttcagaa ggtccctgca 1740
ctcctagaaa atcaagtgga ggaaaggact tgttctgatt cagaagatat tggaagctct 1800
gagtgtctcg acacagactc tgaagagcag ggagaccatg cccgccccaa gaaacacacc 1860
acggaccctg acattgataa aaaaaaaaa 1888

```

<210> 8740

<211> 3299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1461)...(2771)

<223> similar to gi2224557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8740

```

tttttttttt ttctttttca cctcctggag tcctggactt ccccatctct cccctgcccc 60
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tggggcccac gctggggctt cagtcacag catcttcaact ggagtctgag ttagctggca 180
tcataggatc atcaatgagt gagaagtccc tttctgagct atcatagccc tgagataagt 240
catcatcatc ttcttcatcc tcatcgtcat cctcctcagg ttgcagtggg ggcaaccgca 300
aggtagtacc agaggcggtg gtcactggtg aagaggggta gccaggggct ctcaagcctg 360
gatggtgatg gtggtgatgg tgggggtggg ggtggtggtg gtggtgatga agcatggtgc 420
tgaggtctac atgaggggat gatggtgcac ccccatcac aaatggcata aaaggcaaag 480
atgcagaagt ggcactgctg tgacccaaag atgacacaga ctgtaggcca ctactgctgt 540
gttggaacgt gttatgcaga gatagagacc cagtgtctcc accctgcatg agggccatca 600
tcttagaaag gtctggtcgc atcctacggg cccgcttctt gctgctctct ggtgcaatag 660
gccctggcaa aacccggttg aacaccgttt cagtgtgatg accctttttc ccatttctag 720
agttagctgt ctgtactggt tccattccca aacagttcaa ttctgcctta ttattttttt 780

```

tttacatctt	tgccacttct	gttttatgcg	atcctccata	tacgctagaa	atcggggatc	840
aacagcaaac	tctggatgac	cctgtaacca	catctccagt	tcagcccggc	gaggggcatc	900
ctcaccacc	agcaaagtac	catccacctt	attgatgaca	gggatccggg	tctccaggtc	960
cacatcaagg	tgattaggct	cttccatgca	ctccacctcc	agctctacta	gcttctttct	1020
gttccccttc	ttcttatgaa	acagtggatg	tccatctccc	attactccat	tcgccatcaa	1080
cttgtgcttc	tggaatgtta	acttcaatcc	ttcctcatct	ttgatttgaa	ctgtaaactc	1140
cttttcatcc	atgcctcggc	gaagtttggg	gaactgggct	gccgctgtgc	tgactgcaga	1200
tgcttcctcc	tctgccatgg	aagctgcact	actacttcgt	gggtgtggga	ctggagagtc	1260
accatattct	ccaggagtca	atgagggact	gtctaataaa	tggttgccctg	gggccaaaat	1320
tcttcctggt	accatttcct	ggctcctacg	gctagaaggc	cacttccctg	agagtacagc	1380
ctggcagacg	aggtcaatac	ggtttatcag	gacacgatcc	ttggccctgc	agaacgtggg	1440
gaccggcgaa	ggcgcggtgt	gaagcagcct	tcaagctgaa	agaaattgca	cggcgggaga	1500
aacaacaacg	atggacaagg	cgtgaacaaa	ctgattttta	tcgagtgggtg	tctacgtttg	1560
gtgtggaata	tgacctgac	accatgcagt	tccattggga	tcgcttccgc	acttttgctc	1620
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gccgccaagt	atgccgcctt	cccccagcag	ctggagatga	accccccgac	cctaacctgt	1740
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agcctcctgg	tcctgaattg	cccaaagtgt	gggagcctgt	tcggcatgat	ggggagcttc	1920
taagaggggg	agcccgccat	ggggtgagcc	aaacagactg	caacatcatg	caggaccag	1980
acttctcttt	tctggctgcc	cgtatgaatt	atatgcagaa	ccatcaagca	ggagcaccag	2040
ctccatcctt	gtcacgctgc	tctactccac	tgctgcacca	gcagtatacc	tcacgcactg	2100
cctcaccact	gccccctgcg	ccagatgctc	ctggtgaaaa	gtcaccccgag	gagacagcta	2160
cccaggtccc	cagtctggag	agtctgactt	taaagctaga	gcacgaggtg	gtggccagga	2220
gccgaccaac	cccacaagac	tatgagatgc	gagtatcccc	ctctgatact	acccctctgg	2280
tttcccggag	tgttccacca	gtcaaactgg	aggatcagga	tgattccgga	ctctgagctg	2340
gacttgagca	agctgtcacc	atcttcttct	tcttctctcat	cctcatccag	ctccagctcc	2400
agcactgatg	agagtgaaga	tgagaaggaa	gagaagctaa	ctgaccagtc	ccgctcaaag	2460
ctctatgatg	aagagagtct	cctgtccctc	actatgtccc	aagatggatt	cccaaataaa	2520
gatggagaac	aaatgacccc	tgagcttctg	ctactgcagc	tgacgcctct	atcttcattt	2580
gttctctctt	gtagctgcgc	tgatacgtg	ttactagacg	ccgaagccta	gctgttaggg	2640
cagagcgagg	ccagaataaa	tggcctggct	gttgggtcac	ctgggcttca	tctccatcaa	2700
tcactgagat	ctcctcatcc	atcatcatca	agggatcacc	ctcatcatct	tggtcctttg	2760
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ctatgtcaga	gaagttatcc	aacactcgat	gttctgctgc	aattgctttg	tcactctggtc	2880
ggccagcctt	ttctaggaaa	cataaggctg	ggctctgccct	catgggtatta	tatttctcat	2940
agccatgttt	aaagactcca	atgagcagcg	acttgtcagc	ctcatctgtc	ccaccaagtt	3000
gttggaacct	ccagttgatc	cactactggg	aaccatatgt	caatctcact	ggcaatcgca	3060
ccccctaaca	ccttttctgc	ttgggtctcca	taacctcctg	cctcaggtag	atagcattcg	3120
taccgcgaac	agtacctggg	tacactgatg	tttcaagtgc	ttcttataac	tttcatcttg	3180
gaacaaagtg	tcagggttat	atttccggat	ccaatctgcc	ttatggatat	caaaagtgtc	3240
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<210> 8741
 <211> 666
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (45)...(659)
 <223> similar to gi4176500 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8741
 cggtggaatt ggcccaggat gacagctggt gaatggagtc agttttatcc aagtatgaag 60
 atcagattac tattttcact gactacctag aagaatatcc agatacagat gagctggtat 120
 ggatcttagg gaagcagcat ctcccttaaaa cagaaaaatc taagctgttg tctgatataa 180
 gtgctcgtct atggtttaca tacagaagga aattttcacc aattggtgga acgggccctt 240
 catcagatgc tggttgggga tgtatgctac gctgtggaca gatgatgctg gctcaagccc 300
 ttatctgtag acacttggga agggactgga gctgggagaa acaaaaagaa caacccaaag 360
 aataccaacg catcctacag tgcttcttag atagaaaaga ttgttgctac tctatccatc 420
 aaatggcaca aatgggtgta ggagaaggga aatcaattgg agaattgggtt ttgggaccaa 480
 atacagttgg cacagggtgt ttaaaaaaac ctggcccttta ttgacgaat gggaattccc 540
 ttgggctggt ttatgtttca atgggataac cccagtgggt ccattgnaag atttccaaaa 600
 aaattgtgcc gtgtccttcc ccttgagtgc tgacacagct gggttgacag ggcctncccc 660
 attcct

<210> 8742
 <211> 1433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (347)...(1333)
 <223> similar to gi306316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8742
 gcccctttca ggcccagacc cctttgccat gggtagagcc caaactggga acggtgaaga 60
 gctgctccct tgattgatct gtccctctct acatgggccc cagctccttt cagaatatca 120
 gatgtccaac atttcccttc tggctctttt tagctcccaa gtatctgctt ccttaaaggc 180
 cctgagtcac ttcttctctc ttgtcttcag actggcccgg gagcaagcgc gagtgtgcga 240
 actgcagagt gggaaccagc agctggagga gcagcgggtg gagctggtgg aaagactgca 300
 ggccatgctg caggccact gggatgagga caaccagctg ctcagcacca ctctcccgcc 360
 gcccaccct ccagctctc ctgctggacc ctccagcccc gggcctcagg agcccagaa 420
 ggaggagagg agggctctga ctatgcctcc catggccgtg gccctgaagc ctgtattgca 480
 gcagagccgg gaagcaaggg acgagctacc tggagcgcct cctgttcttt gcagttcctc 540
 ctcagatctt agcctctctg tgggccccct ttttcagagc cagcattctt tccagcccct 600
 ggagcccaaa ccagacctca cttcatccac agctggggcc ttctctgcac ttggggcctt 660
 ccatcccgat catagggcag aaaggccatt ccctgaggaa gatcctggac ctgacgggga 720
 gggcctccta aagcaagggc tgccgcctgc tcagctggag ggccctcaaga attttttgca 780
 ccagttgctg gagacagtgc cccagaacaa tgagaaccct tctgtcgacc tggtgcccc 840
 taagtctggt cctctgactg tcccatcttg ggaggaagcc cctcaagtgc cacgtattcc 900

```

accgcctgtc cacaaaacca aagttccctt agccatggca tccagtcttt tccgggtccc 960
tgagcctccc tcctcccatt cacaaggcag tgggtcccagc agtgggtccc cagagagagg 1020
tgagatggg cttacattcc caaggcagct gatggagggtg tctcaactgt tgcgactcta 1080
ccaggctcgg ggctgggggg ctctgcctgc tgaggatctc ctgctctacc tgaagaggct 1140
ggaacacagc ggcaggactg atggccgagg ggataatgtc cccagaagga acacagactc 1200
ccgcttgggt gagatccccc ggaaagagat tccctcccag gctgtccctc gccgccttgc 1260
tacagcccc aagactgaaa aacctcccg acggaagaaa agtgggcacc ctgccccgag 1320
tagcatgagg agccgggggg gagtctggag atgagcccc ctacctctc tcctctttgt 1380
tctctcattg ttgttatttt aataaatgct cagtagtctg aaaaaaaaaaaa aaa 1433

```

```

<210> 8743
<211> 438
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (19)...(441)
<223> similar to gi4519515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8743
ctggagtttg actacatgtg ccagtatgac tatgttgagg ttcgtgatgg agacaaccgc 60
gatggccaga tcatcaagcg tgtctgtggc aacgagcggc cagctcctat ccagagcata 120
ggatcctcac tccacgtcct cttccactcc gatggctcca agaattttga cggtttccat 180
gccatttatg aggagatcac agcatgctcc tcatccctt gtttccatga cggcacgtgc 240
gtccttgaca aggctggatc ttacaagtgt gcctgcttgg caggctatac tgggcagcgc 300
tgtgaaaatc tccttgaaga aagaaactgc tcagaccctg ggggcccagt caatgggtac 360
cagaaaataa cagggggccc tgggcttacc aaccgacgcc atgctaaatt ggcacccggg 420
tggttttctt ttgacan 438

```

```

<210> 8744
<211> 1094
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1073)...(1010)
<223> similar to gi1020145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2
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<210> 8745

<212> DNA

<213> Hom

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (797)$
$$\langle 223 \rangle \quad n = a, t, c \text{ or } q$$
 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (352) \dots (796)$

<223> similar to gil542885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

gcagtcactc	gcgcgatgatt	taaatatgggt	cacccccaaaa	aagagctcct	ttcttggcca	60
caccaaccaa	tancccnttt	tttctataa	gggtttttcn	nnnnnnnnnn	nnnnnnnnnn	120
nnnntatgtg	ttgtcgtgtc	ttcttgggtca	gggcccgcag	gctgtgtagc	acatgctccc	180
agcttctgag	gaggatcccg	agtgggggag	aaaatgcttc	tggggcacca	cagagccctt	240
ccttgttggg	gggctgacga	gatcccgcaa	agcctccac	ttcgatctgc	ctctaattgtc	300
tggcgatggg	gggtgggaca	gcagggccct	gtggcccgcc	cgcgagcaga	caaacctgag	360
gctgaagaga	atgtgagtgg	agaccacaca	ccaccctaag	agtgggggtc	cccacagcac	420
ctaaagtggc	aggacgtgcc	ctcgggtaga	ggcacagtga	ggctgtgcgg	gcaacacagg	480

caacctctc	cgccagaacc	ggggacgcct	cgcaacctcc	tccaccagca	cgggggacaa	540
cctcctccgc	cagaaccggg	gacaactggc	aacctcctcc	accagaagcg	gggacaacct	600
cctccaccag	aaccagggac	aagctcctcc	cccagaacca	ggggcgctc	gcaacctcct	660
ccaccagaac	cgaggacgcc	tggcaacctc	ctccaccaga	accgaggacg	cctggcaacc	720
tctccacca	gaaccgggga	tgcctggcaa	cctcctctac	cagaaccgag	gacaacctcc	780
tccaccagaa	ccaggg					796

<210> 8746
 <211> 2443
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (682)...(5)
 <223> similar to gi56590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8746	
cccacgcgtc	cgatttaggg ggtataagta cagatttctt acatgcatat attgcatcgt 60
ggtgaagagg	gggcagttcc ttttgattgc tgagtagtat tccatgggat ggatgtacca 120
cagtttgctt	aaccattcac ccactaaagg acataagagt tgttttcagt tttttgcctt 180
aataaagctg	ctgtgaacat tcatgtacag gtttttatgt gaacatacat tttcattttc 240
tgggataaat	gctcaaaagg gcaactgttg ggttgatagg taaacacata tatttttgta 300
agaaactacc	ctactctttt tccagagtgg ctctactttt tacatacagc cactcataca 360
attcagacag	caatgtatga ttgatccagt ttcttcacat cctcaccagc atttggtatt 420
actactattt	tttatcttaa ccattcacat agatgtgtgt aatgatacca catgtggttt 480
taatttgcat	ttccaatggc taatgatgtt gagtatcttt ttgtgtgcta atttgccatc 540
tatgtatcct	cttcggtgaa atgtcttcat gtcttttgtc tattttctat ttaggtcatt 600
tgttcttttt	actattgagt tttgagagg tttttatata tccatagataa aattcctctg 660
ttagatatgt	ggttgcttga atttttaaca taacttctac caaggaaaaa taagtaaaat 720
ttccaacctt	tgcatggcca gtcacttact taattcctgt ccttcagtgt tccatctaga 780
gaattaagag	atatgatgta taaaatagac atcgagggcc attagagag taaatactta 840
aaaatacatg	ttatgaaagc aaagccaata atcactgtag gagtatgagt tgcctaaggg 900
ccaaaactaa	tgtaaataag agaaagtgtg gatataaatg accattgttt ataaacagtt 960
atgaaaaatg	ctgtgacttg aaatctttcc cacatctccc aagaaagtag gtaggagttt 1020
atcctttccg	taatctcttt ttaacctctg tgactattac agggcttggt taatcacagt 1080
ggcaagaatt	acatgtatct tacagtaaag aaacagaata ctggaatcgt tagagaacct 1140
tgatgtgttg	acctggataa agtacaaagg tgggaagagg aatgagttat gctgttaaaa 1200
tctcaggcta	ttctgttaat gttcctgcta ctatgaacct aaactttttt tttccccctt 1260
ttgactcctt	gtgtcttctt ctctgtggc ataaaagtag ttctgtcgtt aacttgta 1320
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cttagcatag	gcagcaaatg ttgagaaagt ctatctgtag tattacatat actaagttac 1440
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ctgagtagct	gggaatatag gtgcacacca ccatgcctgg ctaatttttg tattttcagt 1680
agaagcagag	tttcaccata ttggccagg tggctctgaa ctctgacct caagtgatct 1740
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atctttaaac	ttttaaatgt gaaatttcta tcatgtaccg ttagcctaac aagattttct 1860

ttcctat	tttc	tgactggtgc	ctttcccctt	tttaggagca	acgaaagcta	ctctcttagt	1920
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tgatgctttt	gttcccaagt	gtgaccctaa	acttaagctt	tgtaggagtt	gacattcctt	2040	
catgtccctt	ccctttactc	atgccgaaac	tatcaactgg	gacattttgt	gcttttggtt	2100	
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aagccttggt	ataccattgt	catggacccc	tgtcataaag	ccatttcctt	gtttgtttgg	2340	
gaaagaggca	tatgggattt	atacagattc	acttgtaaat	gttggattgg	ggatttttgt	2400	
gtaaat	tttc	tcaaataaag	gctagcagaa	accaaaaaaa	aaa	2443	

<210> 8747

<211> 1397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (405)...(781)

<223> similar to gi2801413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8747

gcagtatgtg	tgagcatgtg	tgtgtgtgta	tgtgtgtgtg	gggggggtgta	aatgtgtttt	60
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ggttcttgga	cctctccctg	tttcttcctt	agaataat	ggatgggatt	tgtgatgcag	180
gaaagcctaa	gggaaaaaga	atattcattc	tgtgtggtga	aaat	tttttttg	240
ttgccttcttc	aaacaagggt	gtcattctga	tatttatgag	gactgttggt	ctcactatga	300
aggcatctgt	tattgaaatg	ttccttggtt	tgctgggtgac	tgaggtacat	tcaaacaaag	360
aaacggcaaa	gaagattaaa	aggcccaagt	tactgtgcc	tcagatcaac	tgcatgtca	420
aagccggaaa	gatcatcgat	cctgagttca	ttgtgaaatg	tccagcagga	tgccaagacc	480
ccaaataacca	tgtttatggc	actgacgtgt	atgcatecta	ctccagtgtg	tgtggcgctg	540
ccgtacacag	tggtgtgctt	gataattcag	gagggaaaat	actgttcgg	aaggttgctg	600
gacagtcttg	ttacaaagg	agttattcca	acggtgtcca	atcgttatcc	ctaccacgat	660
ggagagaatc	ctttatcgtc	ttagaaaagg	aaacccaaaa	agggtgtaac	ctaccatca	720
gctcttacat	actcatcatc	gaaaagtcca	gctgcccaag	caggtgagac	cacaaaagcc	780
tatcagaggc	cacctattcc	agggacaact	gcacagccgg	tactctgat	gcagcttctg	840
gctgtcactg	tagctgtggc	cacccccacc	accttgccaa	ggccatcccc	ttctgctgct	900
tctaccacca	gcacccccag	accacaatca	gtgggccaca	ggagccagga	gatggatctc	960
tggtccactg	ccacctacac	aagcagccaa	aacaggccca	gagctgatcc	aggtatccaa	1020
aggcaagatc	cttcaggagc	tgcttccag	aaacctgttg	gagcggatgt	cagcctggga	1080
gagatggact	catggaaacc	tgatcggtc	cttttagatg	aaggacttgt	tccaaaagaa	1140
gaattgagca	cacagtcttt	ggagccagta	tccctgggag	atccaaactg	caaaattgac	1200
ttgtcgtttt	taattgatgg	gagcaccagc	attggcaaac	ggcgattccg	aatccagaag	1260
cagctcctgg	ctgatgttgc	ccaagctctt	gacattggcc	ctgccggtcc	actgatgggt	1320
gttgtccagt	atggaaaaaa	ccaaaactct	cagctttata	cctcaagaca	cgctcgaatt	1380
ctcgggccc	cggaattcc					1397

<210> 8748
 <211> 373
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (41)...(257)
 <223> similar to gi4581122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8748
 ccgagcttgg gtcattggcgg cgccggggcgc gctgctggtg atgggctga gaggctcggg 60
 gaaatccacc gtggggcgccc tgctggcatc tgagctggga tggaaattct atgatgctga 120
 tgattatcac ccggaggaaa atcgaaggaa gatgggaaaa ggcataccgc tcaatgacca 180
 ggaccggatt ccatggctct gtaacttgca tgacatttta ctaagctgtg actaccagga 240
 aggctgagg tcatttgtga gtgaacagat ctatgggcaa gtaccctagg tagccccact 300
 taacagatga tgaactgacg ctcagagaga gatgtagcct cgggacagcg tgtgggttcta 360
 gcctgttcag ccc 373

<210> 8749
 <211> 1157
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (251)...(6)
 <223> similar to gi347457 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8749
 ctggggagga ggggcgggg gagaccgca aggtgaaggt ggaggccgac cagtaggctg 60
 cagaccaggg acatgggtta gttaaggcgg aggtacgagg ccgacccggg gagggggacg 120
 ggggtgggaa acggaggcag gggacagaag aggggagatt gggggagaga tgacagctgc 180
 agggatggtt gtgagccgct agtgatggag agcagaggga gagggccagg ctccagactc 240
 ccacacgccc acacagcacc tctgccaggc ctaggagagg acagggtgcag ctcttgacgc 300
 tctgcggtg tgcgggcaaa ggcaaggccc acgggctgga tgtcacttcc ccgactgtct 360
 cttggttggc ttgtccttgt gcaagaccca gcctgtcacg acagagcctg ggcacttcag 420
 aggaggagcc aggatcgaat ggaagggggg aattggggtc caccatagtc ttctgctctg 480
 gtccctcacg ggtggaccag gatggagtct cctgcctacc tactgcatt gcaactggacc 540
 tgggatgcct atccaccctc tggcagaaga cactcaccag gttatctgtg aagagactct 600
 gggatcccat cacctcaaag ccagagggtc cccaagtcac cgctgagagc acttgagcct 660
 caaggatgta agcctgacca taggatcttg actccaacag cggcaacccc cccccatt 720
 gtggtccgct ctaaacccat ccactcttct tcggaggcaa ctgagaacac ataaagcaag 780

```

cagctaccta gcatccccct cctaaagctt tagactcaga gccaggggtc cccacaagc 840
ctcaaggtag cctcagggtt ctctaatttc ctccactccc agttcgaagc aaacagctta 900
ctgcctagtc cccgccaatc ccaagggcgg gctggctgat ggcagcatgg tgggctggcc 960
tgggtgtgga gtgaaagagt cactgtgggtg ggggcgagag gaggacttgg gagctggagg 1020
tgtgacacct tcagttctgt tcctattaaa ggaccttctg aagggttct ctgtcgggtct 1080
tgtattcgga ttgtccgctt tggggagatg ggggaggagg ggcctcacca tggttttgcc 1140
accagcagtc agttgca 1157

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<210> 8750
<211> 1014
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1003)...(1014)
<223> similar to gil9929 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8750
ctcgtccaaa acacttggtc cctgctgaaa ctccaacaat ttgcagatac ttctgggaac 60
cccaggcgtc agtctcctca tctgtaaagg agagagaacc gatgacgtat caggcataat 120
ccttgatgag agtttgctgc gtgcctactc agtgccaggc gctgggggac acagccgtgt 180
tcaggacagc cttgggtcctg ttctccggga gccgacattc cagggggaga gaagtttcct 240
gaagacttcc atgctgcgtt cctctgctc ctgctcctgg cgccatccta ggagccagcc 300
atgcacgcaa gcgtcatgcc tccagggctc tgactgocca gcccctcacc gcaactccac 360
ctcagctgca cacacccttg gcacatcctg aacctcattt tcatgacgga cacacaattt 420
ttgctctctc ctgtccaagc ctcatcctct ggccgccacc tccctccagc tcaacttcctt 480
tagtgcggcc agtacgccc ctgcctaggc atgtcgacct gcagggaccc tttcttggtt 540
cttcgaggcc tctgccacc atccctctt tgttctccat agtcccttcc ccctgttctc 600
tctcgtttca tcttactggt ctggcaaagt ccccgccctt gggcgagccc agacctcctc 660
agtgcctgca cacagctgcc cacagccaga gaaatccatt taagcagact gcctgcatcc 720
ttcttaacag tgcaaggcag gcaactcctg ccacaagaga ccctgttccc tagtagggca 780
gcttttctcc tccccagaac ctctgtctc tccccacca atgtctcctc acaggcatat 840
tggggaaaca ggtcaggctc tcccaccgta tctgcaagtg tactggcatc catctgtctt 900
cttcctaccc ctacagtaga aacagtgtct gtccccagct gtgctctgat cccggctcct 960
ttcacctcag agcttgaaa attgagctgt cccactctc tctgcgccc attt 1014

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<210> 8751
<211> 1475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (775)...(1399)

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<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8751

ttttttttgc	agtcttttatt	gttttttttt	gttttttaaaa	gatgggggatc	ttgctatgct	60
gcccaggctg	gtctcaaact	ccgggtctca	agcgatcctc	ccacctgggc	ctcccaaagg	120
tttgggggtga	caggcgtgag	cccccggtgc	cagcctcctt	gcagtccaga	cagctgactc	180
aggctggggga	ggaaccaggg	caggcacccct	gagaggtggt	ctcagtgggg	tacgtgggtcc	240
accagcctgt	gtcggagaat	cagactcctt	aagttcacgg	tcttcccaga	cgtctgggtt	300
tgctgtctcc	atgaatgata	catcaagaca	ctgaggccca	gagggtggag	aggatgtgtc	360
cacagtggca	gagggagcag	ggctcagtgg	cattggagca	agccttctgg	caccactca	420
gggcctggct	cccagagcac	cggtgtctcag	tactgggggc	ttaggccggc	ccagacgggc	480
ttgcagctcc	tgcattcatgc	cagggtgcgc	gaggccaaac	ccgtgtcca	ggggccttct	540
cctggctggc	accgggggtcc	catcatgcct	cagagggctt	ggctccagg	gttctctcag	600
ctggaggggt	ctctgtctcag	gagctgacag	ctcctcctca	ggaggggttg	gggctggggg	660
ctcctcctgc	tgctcccagg	ccggagtccg	acgaaaagag	ggccgggagc	gacgctgtga	720
ggagcttctc	gagaggtgca	cgcgactcct	tgggacagag	acgtctagga	gggacccggg	780
gagcggggcc	tcgctccagc	tggtggcagc	acctcctctg	gactgcccc	tggcctcagc	840
cgtctcggt	tccccgactg	actccggcgc	agcttctgca	ggggcctggt	gtgttggtctg	900
ctcctcctgg	cccctgacat	gttccaggct	ttctggctca	gtctccttgg	cctctgccct	960
ccggcccccg	gtcaccatga	gacctctgc	atcaaggagc	cttgggtgcct	ctccctcagg	1020
gtggtagtcc	ccacaccgcc	cctcactgtc	ttcctctgt	tctctctcct	gccatccaac	1080
agcctcttct	tccaacagcg	tccacttttc	tagaagcccc	ccagcctcca	ccatggctcc	1140
catccccctct	gccctcgctg	tctgggagcc	cgcgggatcc	agcccacagc	tgtcctctgc	1200
gcctgcagat	tcctcggcct	ctaccgcgcc	tccccaaagg	cctccctacc	tggactcaaa	1260
agcctctaact	tggttgccct	tgccagtcac	ctcttctct	gctgaaccct	ccagacaaaa	1320
ttcttgccca	cctgcatgct	ctcctgtgc	tgcccttttc	ttttctttcg	agtcccaacc	1380
ttgcccgaagc	gcccccttta	aaaagttaat	tgaacaactg	tggcctactc	tgtgtcagtc	1440
cccgcagctt	agaatcaaac	cgatagcctg	aacctc			1475

<210> 8752

<211> 2855

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2485)...(2855)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8752

gctctgtgct	caacgtgggt	agcagcacia	gaattgtgtg	aaccggggag	gcggaggttg	60
cagtgaagttg	agggttgggg	actccattcc	agcctgggag	acagagtctt	gctctgtctc	120
caaaacaaac	aaacaaacaa	aaaaaccctg	tagcttggga	tcagccttct	cttctattgt	180
ttttctttta	aaaataaaaa	ttaaaaatag	atgtagatgc	tatgttgctg	aggctggcct	240
caaactcctg	gcctcaggtg	atcctccgcg	catgacctcc	aaaaccacag	ggattgttag	300

tgtgagcact	gcacccagcc	ttatgttttt	ttctacataa	aaaacagcac	aggattatct	360
tccagagcta	ataaatatgt	tcaaataacc	acaaccccat	taaggaaaaa	tatcactggg	420
cagcaaataa	tcaatccaga	ccaatatgat	cacaattgct	gtgaagggtga	gaaaagttca	480
tttttattat	gtttcccca	gagacgcact	ctattgttct	cttgaaaaca	cacagctcat	540
gtcctccttt	agaacacaca	tcctctttta	agtaacatac	aaacatgcc	aaacaaggta	600
aaaaattaca	tctgaattct	cacatttcaa	acatatatga	aatatcaaat	aaaaatttat	660
ttttacaaga	atthagggga	actactacat	agctataaat	gtaatatata	tgtaactaa	720
gtatcataga	taaaaacat	gctcccttca	gcagcacgtg	taataataga	tacaaagatt	780
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aataaataaa	tatatattat	aaatatttca	ataataaaaa	taatatattta	ataattctat	1020
acccatgttt	ttcaaaataa	accaataaat	tagatagtat	gtattagacg	tgtagtata	1080
tatatctgag	acatgttaaa	aatcacaaat	gaattctcac	aattcagtc	caaacctaaa	1140
cagcaaataa	aaatttctat	caccagaatt	atgttttttt	ctgggtggga	actaccaata	1200
gctataaata	gaagagatta	ttatggaagt	atcatagata	aaaagagtgc	tcgcttcagg	1260
agcacatgta	ataatacaga	aacaaattta	aagataataa	aatatttagg	ataaaaagaa	1320
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tcaaaaaact	acaggaacag	catgttttca	aaagtacaac	aatttcocaa	ctatttgaaa	1440
taaatctatg	aataattcaa	tgcccgacat	ttccatatac	aaccaataaa	atgcagagtg	1500
tgcatgaagc	tatctgttac	aatctgtggc	actgatattt	cacaaaagaa	ttctgtccca	1560
atctgagccc	ctgcattgtg	ccttcaaate	ctcctggact	gcaagtccgt	aagaaacagg	1620
acctccaggt	tccgccccag	ggaggttggg	attcagcaat	ataaaaaggg	tggtggtgcc	1680
gcaggaaagg	gtggaactgg	aaacgctcct	ggtttcttac	ttttctccaa	ggactcctag	1740
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cagctccatc	aagaatgggc	caggttcttc	tagatgatct	gcacaaatgg	ttcctctcct	1860
cctgcctggg	gtctgccatt	agcatgggaa	taaagttcct	gctgaaaatc	cacatctccc	1920
ctgggtccgg	tggtctggaa	gcgagagaga	caatgtcaca	ctcaaggag	gcagctctct	1980
agacaggaaa	gttattcacg	tcccatgtca	attgagaaat	gcaattttat	ctgctgcctt	2040
tcattctata	ccctgcttct	gaaccatcgt	gttcaactgt	gaaactcaca	ctttgggtgac	2100
cagcactcca	aaactcactt	aatacaccca	aggctagccc	cagtgatctg	cttcatagca	2160
aggactttgg	gtgggtctgc	ccaggaggta	gggcaccctc	agagaatgtg	gctttggact	2220
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tcctcatgat	gaagtctcat	gctctgtgct	caacgtgggt	agctgcacaa	gatgtaaac	2400
aaagcttcac	tgaaccctcg	acccaaatca	gtaactcaag	tgcgtaaatc	ataatgaacc	2460
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caattgggtt	ccttggattt	ccgaaataga	ccccaatatt	ctgcctttac	cccggagggt	2760
gcagtgaacc	aagattgggc	ccctccattc	cagcctgaga	gacacagcaa	cactcttgtc	2820
ttgataaata	aataaataaa	taaataactg	tcaaa			2855

<210> 8753
 <211> 1232
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (200)...(1232)
 <223> similar to gi3876562 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8753

ggtcacgagg	cttcgtagtg	gaggaacggg	tttggcgtgt	gggacgcagc	tgcctctgta	60
ctggggagtc	acggagtggc	cgggctccag	ggacatggcg	gcggcctctg	cggtgtcggt	120
gctgctggtg	gcggcggaga	ggaaccgggtg	gcatcgtctc	ccgagcctgc	tcctgcccgc	180
gaggacatgg	gtgtggaggc	aaagaacccat	gaagtacaca	acagccacag	gaagaaacat	240
taccaaggtc	ctcattgcaa	acagaggaga	aattgcctgc	aggggtgatgc	gcacagccaa	300
aaaactgggt	gtacagactg	tggcgggtta	tagtgaggct	gacagaaatt	ccatgcatgt	360
atgatatggc	agatgaagca	tattccatcg	gccccgcgtt	cctcccagca	gagctaccta	420
tttatggaga	aaatcattca	agtggccaag	acctctgctg	cgcaggctat	ccatccagga	480
tgcggttttc	tctcagaaaa	catggaattt	gctgaacttt	gtaagcaaga	aggaattatt	540
tttataggcc	ctcctccatc	tgcaattaga	gacatgggta	taaagagcac	atccaaatcc	600
ataatggctg	ctgctggagt	acctgttgtg	gagggttatc	atggtgagga	ccaatcagac	660
cagtgcctga	aggaacacgc	caggagaatt	ggctatcctg	tcatgattaa	agccgtccgg	720
ggtggaggag	gaaaagggaat	gaggattggt	agatcagaac	aagaatttca	agaacagtta	780
gagtcagcac	ggagagaagc	taagaagtct	ttcaatgatg	atgctatgct	gatcgagaag	840
tttgtagaca	caccgaggca	tgtagaagtc	cagggtgtttg	gtgatcacca	tggcaatgct	900
gtgtacttgt	ttgaaagaga	ctgtagtgtg	cagaggcgac	atcagaagat	cattgaggag	960
gccccagcgc	ctggtattaa	atctgaagta	agaaaaaagc	tgggagaagc	tgcagtcaga	1020
gctgctaaag	ctgtaaatta	tgttggagca	gggactgtgg	agttttattat	ggactcaaaa	1080
cataatttct	gtttcatgga	gatgaataca	aggctgcaag	tggaaacatcc	tgttactgaa	1140
tatctcgtat	accagaaaca	tgactcttaa	agatggtcgt	gtgggcagca	gatcgccagg	1200
cggcattgac	aaaactgagg	tacagccttc	gt			1232

<210> 8754

<211> 1898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1512)...(1843)

<223> similar to gi4481741 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8754

agcaaaatgt	ggtgaatatt	actgatgagg	taatgggaga	aagctaaagt	aacagtctga	60
atagttttgt	gcatcctgag	ttttcttaac	taaggcttta	tttttaatta	aaaacaaaat	120
ttacattttc	aaaaacgggt	tgcctcaaaa	aaaatagctt	ctaaactata	ttaaattgga	180
ccaaataagg	atttttaatta	ttataaaaaca	aagctcagta	cttcagggaa	ataccacctc	240
cacaaacggt	gagccaattc	aggggctgcc	agtagaatcc	taaagagtga	tgtctccggt	300
tcatgtgaac	accatctgca	gtccacaccc	cttgaggaca	attcaggcca	taaggcagac	360
catgctcagc	agagctgccc	cttcaccacc	ccagtcacca	cccttagcct	gattgggcag	420
gcgatggctc	atagccagga	aggctgcctc	cctcaggctt	cccaaaacca	atcaagggca	480
tacgcggctc	agccacactt	ttgcactcat	attcccgtat	gcttccgctt	aaatgtactc	540
atgaaaaatt	ttaagatggt	ttgctgtcac	tcatcccctg	accagacgg	gttacacaga	600

tctggcagt	gacacaccct	ccaacacagc	atgaaaagag	cataggaaaa	cccagggtcca	660
gctaagccct	acctcaaagt	aatttggcct	ttggttcctc	ctctgaaagc	aggtgggatac	720
aaactgtttg	gctataaaat	tgtgaatcta	tggaactgta	gaataattaa	agctttccaac	780
actaaaccac	aaaggcaagt	agtgtctgtc	cacactgatg	gggcaccacc	tgcaccaagc	840
cccagactcc	agtgcgctgg	gggcatcaga	catctgtcat	agtcacaagg	agcaagaagt	900
tctaggttcc	ctcaccactc	cctcctacgc	tcctccagtc	ttcaaaaatg	ccttgaaata	960
acccactttg	ggacccaatt	cttaatctgt	tgcaaaacaa	tctgcttaaa	atagccttaa	1020
ttaagatgta	agtccaaacc	attgctcttc	ccttcataaa	aaggagaagg	taagattacc	1080
agaggttgtc	atgactatgc	cagtaacaga	tctatcccag	aattatacca	cttaaagcag	1140
actgttagaa	gccccctcag	tgcaagtggc	agcacgtcag	tctcataatc	tcaaggctct	1200
gagttaaagc	agactgtata	ggaagatcta	tagaaacccg	ttactactaa	aggggaaaaa	1260
aaaataactgt	acttaaaaaa	attagaagcc	agtttaccat	tagagagagt	tttgatttga	1320
gatataaaga	acataattcct	ctccaaaact	gagtttcctc	tgatacaaaa	gtatttgcct	1380
tctggagaag	atatggtttg	caccgtccaa	cagggtgtgct	ctgaaggccc	ccactgaaat	1440
atattgcatc	atagatgagg	ggaaagactt	ggttaatttc	tcttatcaaa	agctagtctt	1500
caggacatcc	tgtccaactt	ggctcccagg	ggcccaaggg	ttcttctcag	agattgttct	1560
tagagacccc	caaacctgca	gccaagccc	aggagccacc	tgtgcatctt	cgccacgtcg	1620
ccaggctgtc	aggagcatgc	gtctctcata	gactggtctc	ctcacacact	ctgacgggga	1680
tggtatagtg	ccgatcgtcc	tcagcaatga	gcgttaccac	tggccagtcc	ttgggtgggt	1740
cgggtggggta	gactgtgatg	aattcttccg	tgttgactct	ggagagccgg	tacacctgga	1800
tggtgtggcg	cacagcatag	gcaagaagga	acatttcaac	cagcatgagc	tccgggtcct	1860
gcagccaggg	cggcagcccc	acagcctggc	tcatggcc			1898

<210> 8755
 <211> 1918
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (311)...(1819)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8755						
tttcgtctgc	ccaaggcctc	catggctgag	cctggaggct	cttggaacag	gctccgcgcc	60
caagctggca	gacatgggtg	ctctctggag	ccgtcagaga	gggcagagag	ctcgtgggtt	120
atggtgtaaa	ggctgggagc	ttggaggggg	tcgtgtgtgg	ggctggactc	tgaggcgggc	180
agaggcctag	gaacgttata	ctgggcacac	cgtgcgtggt	gtgcagtctg	agtcatgctc	240
cctgggtagg	gcatccagct	cccagcctgg	gagtgtctgag	agccaaatcc	accgtagagc	300
aggggtgaga	gtcagggtcc	cacctctct	atctgccggc	aatccagtgg	tgacctaggg	360
taaaagcttg	agagtcccat	acacacgggc	atcccacgac	atacctcaca	ggccaggcag	420
ggacacacag	cccccttccc	tcctctccag	gtaccgtcat	agctgctagt	gtgactgaag	480
gcagtgtccc	tggccccagc	tgaagcaccc	tagccagcca	gcgggctcac	gcaccttggc	540
ctgttgctcc	tagggctact	tgtgccattc	agccaagggg	acgaccgtgc	ctgctggccc	600
agctgagctc	cgcccagtga	gcccaccccc	cattctcctg	ccactgactc	tcgctcttct	660
gcttttccca	gcaggaaggg	cccagcctca	cctacgagac	ctgcagcccc	ccgaccagct	720
gaggctcccc	tcttagactt	ataagtctat	ggccactggc	atccggtctg	ctgccctccc	780
tgccctcccc	agggctccct	cagagggtcc	tgggctttct	gaacacccag	aggggcctcc	840
ggcgctccct	ccagccatcc	cttttagttt	cacctctctg	gttcaagcag	tgttctttct	900

ctatcaggcc	tgggtgctgt	tgcattggggc	tccccaaggc	aaggggtggc	cccaggccag	960
tgggttgga	gacaggggtga	ccagagaaga	gggaagcccg	agggggccga	gcatcagcct	1020
gaattgcggg	tgccctgcct	gggtgccgtg	tgagaggcca	gcgtgtgtgg	ggtgggaagg	1080
gccgccacag	cccccaggcg	ctatctgtga	agctacggct	cctccctcca	tcttccctcc	1140
cttcccttc	cagccccttt	tccaggaacc	ttgccacacc	cacacctgca	gcctcccctc	1200
cccgccctc	ccaccactgc	tgcggcgcgg	ccggccccgg	ccgtgtgctg	cgcttgccct	1260
accagctctc	tcctcgcttt	tctctcccg	tttctctctg	ctttctctcc	aactgccagc	1320
cgatcgggtc	aggcaagtcc	atcccgtcct	gagagcccca	ggccccccct	cgacctctaa	1380
acagatccct	cctcttctcg	gagacctccc	tttccaagcc	tgccctggacg	gctgttctgt	1440
gacttgacag	tggctcccc	agccccaaag	ccagccccct	tcatctgtga	cttaatctgt	1500
tgtagtgggt	agctgataca	ttcaggtgtg	accgttgggt	aaaacttgtg	ccccttctgt	1560
ggtatgccct	tgccctgttc	tataaatatc	tataaatact	catatatata	cacacctaca	1620
catggccaac	cgctctgcct	ctagcgctgg	gaatcagtca	ctgtgctatc	cttgtggagt	1680
cttgtggccc	aactaccaga	gaacgcgtgc	ccccgacatc	ccactccaaa	gtgtgccacc	1740
tccagtgagc	ctccttgtca	tgcccgccct	gtggacagcc	agcccccgcc	atccctccca	1800
ccccctacca	agcatggggg	tgctgtgcag	gcagccgtgt	ggcctgacag	tttctaccag	1860
tcctgctgtc	cctcggtgta	gaataaaacc	catttctgga	tqatqgggaa	aaaaaaaa	1918

```
<210> 8756
<211> 1906
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1281)...(49)
<223> similar to gi2317934 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8756						
ccacgctgtt	acaaagggga	catcatgggc	tgtggaatca	tgttcccccg	ggactacatt		60
ttggacagtg	aggggggacag	tgatgacagt	tgtgacacag	tgatcctgtc	tccgactgcc		120
cgggccgtcc	ggaacgtgcg	gaatgtcatg	tacctgcacc	aggaagggga	agaggaagag		180
gaggaagagg	aagaggaaga	ggatggggaa	gagatagagc	cggagcatga	gggcaggaag		240
gtggtggttt	tcttcactcg	gaatggcaag	atcattggga	agaaggatgc	tgttggtcct		300
tctggaggct	tcttccccac	cattggaatg	ctgagctgcg	gggagaaagt	caaagtagat		360
ctgcaccctt	tgagtggcta	gggcctcccc	tccagacctg	ctcctttctcc	ctgctcacc		420
tctgtgggg	caggcaccca	gttctctgact	tccagagggc	ttcgtttacc	cagcaggccc		480
ctggagggtg	gtagtacttc	tgccccact	ggctcaggcc	ctcgtcacgc	tctctgtgtc		540
ccacgtttct	gacctggtgc	tgccactgtt	gtcagtcoc	gggcctgagt	ccctggttgg		600
acaggaatgg	acccaaagaa	tggtgttgg	atgtgggtgg	tccactcgc	tttggtcagt		660
gggcttctgg	gtcccccttt	ccctcacccg	ccctgtgtgg	gtggagaggc	gtgagcacc		720
tatctcagct	gctattcg	catgatgctt	tgtagagggt	agagtagaca	gccccctccc		780
ctactacca	tggtatttct	ccttgaattc	ctctttcttg	ttttctttcc	tggttgtgtg		840
aaccagttgc	tgctgtcata	cccctggcag	ggccagggga	cctctctttg	gtcatctctg		900
tccttttca	ggctgctgcc	ccaggaagac	tcctctaggc	tctccatctt	tcccttgaga		960
gctggctccc	caccccaacc	tgctcaggca	ccacagagga	tctaggtctc	tggtcctccc		1020
tacctggacc	cacatgggtg	ggtgcctgtt	gcaggtttaa	gagagagggg	ctgtgaggtg		1080
acagggcact	agggccttca	ctcctttctc	cccttcacac	ctttctttac	cagtgccacc		1140
catgtcccta	gtcctccgggt	attggggctg	aggctctggg	gcctgtctcc	ctgccagcgt		1200

gagggcaaga	ccccagagcc	ttagctgagc	aagcccagag	gggcagcgtg	gccccctccct	1260
ccccctttcc	tgcccccgcc	catgcctcag	cttgctgctt	gtgccagttg	cctgttttcgc	1320
ttcagtgttt	gattctagca	cttacatgtg	tcctccccac	caagccctct	atctccttct	1380
aatccttcaa	ccccctggccc	cctccccgta	acagtgactt	ttccagggag	gaagaggcag	1440
caggagctgt	tggccttggt	ttgcacagag	cgggtagggc	tgtagggaaa	gcgggtgagc	1500
tgttgctgtg	ctgggcctcc	ctttggccct	cgcttcccac	cctacgatgt	atgaaatgta	1560
tgtacagacc	agagatgttt	atacagccga	taaagatgga	gtttccgtat	ttatcagtat	1620
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agccgaaggc	agcttgctca	tggggagatg	tggaccaatg	ttgggccagg	gatgggaatc	1740
atatgttcca	tgggcctggc	tacaggcctg	agcacagata	cgccccctgg	gagatgaggc	1800
tttgaccttc	ctgtgaataa	gtgttgactc	caatttcggc	taaagtttat	agaaattctt	1860
tattattaga	caaaaataga	ctctcttttt	tcccctaaaa	aaaaaa		1906

<210> 8757
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (126)...(411)
 <223> similar to gi213273 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8757	
cccatcaaaa	atcagtattt ggctaattgt taacttcaaa atccagtaat acagtcactt 60
gctgccacca	gccccacac cgtgtcttcc catggctcca cgcacctgct cttccacagg 120
ttgcaatgga	aatagagatc gccgcgctca tcattgacaa tggctctggc atgtgcaaag 180
ctggctttgc	tggggatgga tggccctga gctgtgttcc cctccatcat caggtgaccc 240
cggcaccagg	gtgtgatggg gggcatgggc cagaaggact cctacatggg ccatgaggcc 300
cagagcaagc	acgacatcct gaccctgaag taccctatca agcatggcat catcaccatc 360
tgggatgaca	tggagaagat ctggcaccac accttctaca acgagctgtg ccc 413

<210> 8758
 <211> 1981
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1982)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1160)...(1866)

<223> similar to gi3184290 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8758

tttttttttt	gctagtgtact	gatacattta	ttagttttcta	acaaaaaggc	atacatggta	60
ggcagagtag	aaatactaac	agaaattagt	ttatcttgaa	accaatttta	gtcaggaaga	120
cttcttcaca	gagaatgagc	tgaatatata	aatcccaa	atatcacacc	atatatgtga	180
tatatattaca	cctaaatata	tcacaccctc	cttttttggtc	acagactatt	cccaggaggg	240
ttaaatagggt	taacggttta	atgtgagggc	attcaaggaa	tgtccaccct	aaaactgaaa	300
gtgaaattgc	tcttagggga	aaaattgggg	ttgatgaggg	aggnttgatc	ttagcctgtc	360
tcagacaaat	ttggtttatt	tatttttact	taacgacca	tgtgatagta	tagttgcaag	420
ctatacttca	tttaactaca	atcattactc	agggggacaa	tcaccttaag	aggcaaatta	480
agttttaaaa	ttagccacag	aatttaataa	ttacccaat	ccagcattgg	acatagatgc	540
ccatcaggta	tgcaaagatt	aacaaaattc	ctattacca	accttagagg	aaaaaaactt	600
aatgacatac	agaaatactg	gcaaatttaa	gctagaatta	gctccaggac	attttatctt	660
attttcacat	taaaagaata	gattactaga	tatcagcaga	aatgctgtta	aagctatttt	720
ttactaatag	ttgttcatat	taatgaaaca	aaagatcaat	agtctctgag	ctaaatttca	780
caaaatgaaa	tcagtgtctt	ctgatttaac	tttcaggagt	aagaaagggc	aaaacccaag	840
caccatactt	tctattttctg	ttcataaaact	caaataaaaag	cagtatcaac	acaaatgatc	900
atataagaaa	acacgtggtt	atgtttcagg	ttccacaaca	taagacactg	tgaggtaact	960
ctcctgtaat	acattcccat	ttttttctgg	aatagcagat	gcatagaaat	gcagggttcc	1020
aaaaattcac	ccaatttagt	aactaatttt	gattctgatg	cctgatagta	gggtgtgaaa	1080
agctgtaaaa	cccaaatggt	tctgtgttct	tttcacaagg	acaagggaag	aggatgctct	1140
gccaaactgc	cctgtctgctg	tcatagtggg	ccagtttcaa	tgatccagac	tgtcagtcac	1200
cccatccagc	ctcatcctca	tctggaccca	tttctcacca	cccaatcagt	ttcaatgatc	1260
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tttctgacca	cccaatcagt	ttcaatgatc	cagactgtca	gtcaccccat	ccagccacat	1440
cctcatctgg	accagtttct	gaccacccaa	tcagtttcaa	tgatccaaac	tgtcagtcac	1500
cccacccagc	ctcatctgga	ccagtttctg	acgacccaat	cagtttcaat	gatccagact	1560
gtcagtcacc	ccatccagcc	tcacccctcat	ctggacccgt	ttctgaccaa	ccacccaatc	1620
agtttcaatg	atccagactg	tcagtcaccc	catccagcct	cagcctcatc	ctcatctgga	1680
cccgtttctg	acgacttaat	cagtttcaat	gatccagact	gtcagtcacc	ccatccagcc	1740
tcacatctgg	cagtttccga	cgacccaatc	tgtttcaagg	atatggacgg	tcagtcaccc	1800
catccagcct	catccagct	cttaactcct	tctgcatagt	tcagtttccct	ttctggcaag	1860
taattcccaa	tttcctagaa	aaccctgatt	ttgtgattta	acactgattc	gaatccactt	1920
taaaccaaag	gaaacaggcc	gggcgtgggtg	gctcacgcct	ataatcccag	cacgctggga	1980
g						1981

<210> 8759

<211> 2029

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1930)...(1928)

<223> similar to gi2388676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8759
gcggccgcct ggagctctcg gcctcggcct tcgacgacgg caacttctcg ctgctcatcc 60
gcgcggtgga ggagacggac gcggggctgt acacctgcaa cctgcaccat cactactgcc 120
acctctacga gagcctggcc gtccgcctgg aggtcaccga cggccgtgag tgcttcccc 180
ccgcccccca gctcccgcgc ctcgaccctc gaccgcgcgc ccggcccgcg cgcgcgtgac 240
cgccccccct ccgcagcccc ggccaccccc gactactggg acggcgagaa ggaggtgctg 300
gcggtggcgc gcggcgacac cgcgcttctg acctgctgta accgcgggca cgtgtggacc 360
gaccggcacg tggaggaggc tcaacagggt gtgcaactgg accggcagcc gcccggggtc 420
ccgcacgacc gcgcgggacc cctgctggac ctctacgcgt cgggcgagcg ccgcgcctac 480
gggccccctt ttctgcgcga ccgcgtggct gtggggcgcg atgcctttga gcgcggtgac 540
ttctactgct gtatcgagcc gctggaggct gccgacgagg gcacctactc ctgccacctg 600
caccaccatt actgtggcct gcacgaacgc cgcgtcttcc acctgacggt cgccgaaccc 660
cacgcggagc ccccccccg gggtctctcg ggcaacggct ccagccacag cggcgcccca 720
ggcccagacc ccacactggc gcgcggccac aacgtcatca atgtcatcgt ccccgagagc 780
cgagcccact tcttccagca gctgggctac gtgctggcca cgctgctgct cttcatcctg 840
ctactggtca ctgtcctcct ggccgcccgc aggcgcgcgc gaggctacga atactcggac 900
cagaagtcgg gaaagtcaaa ggggaaggat gttacttg cggagttcgc tgtggctgca 960
gggggaccaga tgctttacag gagtgaggac atccagctag attacaaaaa caacatcctg 1020
aaggagaggg cggagctggc ccacagcccc ctgcctgcca agtacatcga cctagacaaa 1080
gggttccgga aggagaactg caaatagggg ggccctgggc tcctggctgg gccagcagct 1140
gcacctctcc tgtctgtgct cctcggggca tctcctgatg ctccggggct cccccccctt 1200
ccagcggctg gtcccgtttt cctggaattt ggccctgggc tatgcagagg ccgcctccac 1260
acccctcccc caggggcttg gtggcagcat agccccacc cctgcggcct ttgctcacgg 1320
gtggccctgc ccacccctg cacaacaaa atccactga tgcccatcat gccctcagac 1380
ccttctgggc tctgcccgtt gggggcctga agacattcct ggaggacact cccatcagaa 1440
cctggcagcc ccaaaactgg ggtcagcctc agggcaggag tccactcct ccagggtctt 1500
gctcgtccgg ggctgggaga tgttcctgga ggaggacact cccatcagaa cttggcagcc 1560
ttgaagttgg ggtcagcctc ggcaggagtc cactcctcc tggggtgctg cctgccacca 1620
agagctcccc cacctgtacc acctgtggg actccaggca ccatctgttc tcccaggga 1680
cctgctgact tgaatgccag cccttgctcc tctgtgttgc tttgggccac ctggggctgc 1740
acccctgcc ctttctctgc cccatcccta ccctagcctt gctctcagcc accttgatag 1800
tactgggt cctgtgact tctgaccctg acaccctcc cttggactct gcctgggctg 1860
gagtctaggg ctggggctac atttggcttc tgtactggct gaggacaggg gagggagtga 1920
agttggtttg ggggtggcctg tgttgccact ctcagcaccc cacatttgca tctgctggtg 1980
gacctgccac catcacaata aagtcccat ctgattttta aaaaaaaaaa 2029

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<210> 8760

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (281)...(471)

<223> similar to gi4877793 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8760

ctagcatttt	gggaggctga	ggttgaggga	tcacttgagc	ccacggtgta	tcatattttg	60
taataatctg	gcgtatccca	ggggataccg	tctcagaatc	tgcaggtttg	accttatctc	120
tttagctacc	attagcatag	tatgagggca	tttaccatgt	cctctagcca	gcctcctgat	180
ggcagtaggt	ctttcctgtt	ttggaggatc	cgtgcctcat	ccatagtcag	ggaatagccc	240
tgtcacctgc	aaaggtctgg	ttgacactga	aactctaata	ataggctcct	aacagtaacc	300
ttctttctcc	ccacagtgtg	atccagtgat	gattgatgcc	atcaaagttt	ctgctgctca	360
cagggcccg	tacttttggg	gcaacctacc	cgggatgaac	aggatctttg	gctttcctgt	420
gcactacaca	gacgtgtcca	acatgggccg	tggtgcccg	cagaagctgc		470

<210> 8761
 <211> 506
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (195)...(504)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8761

gacaataaaa	tctccgtggc	acccgctaag	aaaataacta	aaaccatcca	ccaaaagaaa	60
tgccaaagaa	attaaaatcg	ttccactaga	aaatatgtaa	tacaaaagaa	agaaggtagt	120
aatggaagaa	tttaagaaca	agagacacaa	aataaaggaa	acaaatggca	aaatatcaga	180
agtaatcttc	ctcatcaata	attacattaa	atgtcaatgg	tttaaactcc	ccaaataaaa	240
agcaaagatt	ggcagatcca	attgctatct	acagagattc	cccttagact	caagacccca	300
aatagaaagt	aaaagaagaa	aatattccat	gcaaacagta	aacaaaagaa	agctgaagtg	360
gctatactaa	tatagacaaa	tagacttaag	ataaaaattg	ttcttatagg	gcactgtata	420
atgataaaag	aatcaatcta	tcaagaagat	ataataatca	taaacttact	tgtacctaac	480
aatagaattt	caaaatatat	aaagcg				506

<210> 8762
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(837)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (610)...(803)
 <223> similar to gi3868940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8762

tggaacnnnn	nnattaatag	ctcgctatag	gcngccantt	agggataaat	tacttgatcg	60
tggccagtta	gtagagctga	gattcaaacc	ctggcttttt	ttaatctaga	gcttgtgctc	120
taaactacta	taggggattc	attcagttcc	ttagaaggag	aaagatccta	gagcggcact	180
gttcagtatg	gtagccacta	gccacatgtg	gctgttgagc	acttgaaatg	tggctagtct	240
aaactgagat	gtgctaaagt	taaaatacac	accgattttg	aagatgtaat	gtgaaatata	300
tgtatatata	aagtatctca	ttaatactgt	ttagtattgg	ttacattttg	aaatgataat	360
gttttcggtg	aataatatgt	taaaattaat	ttcaccctta	aaaacatttt	taatattact	420
agattttctat	tagacagcac	tatacaagag	gaaatcactg	gacttgaagc	tttaaatggt	480
tagcacacat	ctagcaaacy	tctgtagcct	tctgtacacc	aggcatatgg	tactgggtga	540
gagtcttggtg	gaataaaaca	gaatcagaca	ttgcccata	ggagcccaca	gactagccag	600
acggggtggg	tgtctgtgtt	tttggtttgg	ttgaagttga	gttgaccact	ttatccgctg	660
ttgatttttg	ctttggctag	gtgtctgcct	gtatcccagt	gttcaggctg	gctagacggc	720
ggaagaagat	cctattttac	tgtcacttcc	cagatctgct	tctcaccaag	agagattctt	780
ttcttaaacy	actatacagg	gtattgcagc	tcatggtgta	gctctctcct	cgtgcc	836

<210> 8763

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (315)...(1403)

<223> similar to gi498152 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8763

gtgggccttt	gacccctcgg	atgattacgt	tcgcccgggc	cgacccacgc	gtgcgccccg	60
tcgcgggagc	cgcttcgggc	cttctgggca	tgtctgccat	atggctccag	gtttgttttt	120
ctccccggca	ctctgacggg	gagggctccc	ggcatctcct	ggcgtccggg	tagaggacgc	180
ggaggatgct	gagctgctgg	cgactgcag	cacaactaga	gatgtacgga	tgccccatc	240
ttgatcttac	agaatcagag	gtacagccgc	gagaaaggtc	tagtcaagaa	cagacagagt	300
cgcttgagga	ctcaggaggg	tgtttgctgc	gttgacaaca	gactacaccc	tcacagtttg	360
ctctgctctt	ccaacaccag	tggaagatga	tcacatccca	gggatcagtg	tcgtttaggg	420
atgtgactgt	gggcttcact	caagaggagt	ggcagcatct	ggaccctgct	cagaggaccc	480
tgtagaggga	tgtgatgctg	gagaactaca	gccaccttgt	ctcagtaggg	tattgcatca	540
ttcacagggt	attgcattcc	taaaccagaa	gtgatcctca	aattggagac	aggcaaggag	600
ccatggatat	tagaggaaaa	atttcgaagc	cagagtcatc	tgggtgagtt	agtgccagat	660
ggaatttaaa	gaattaatta	ataccagtag	aaactattca	agaatgaagt	tcaatgagtt	720
taacaaagg	ggaaaatgtt	tctgtgatga	aagcatgaaa	taattcattt	tgaagaggaa	780
ccttctgaat	ataataacaa	tgggaacagc	ttctggctga	atgaagacct	catttgcat	840
cagaagatta	aaaattggga	gcaacctttt	gaatacaatg	aatgtgggaa	agctttccct	900
gagaattcac	tcttccttgt	acataagaga	gcttacacag	gacagaaaac	atgcaaatat	960
actgaacatg	ggaaaacctg	ttatatgtca	ttttttatta	ctcatcagca	aacacatcca	1020

00406725.043100

```
agagagaacc actatgaatg taatgaatgt ggagaaagta tctttgagga atccattctc 1080
tttgaacatc agaatgttta cccattcagc cagaatttaa atcccactct aattcagaga 1140
accactcaa ttagcaatat tattgaatat aatgaatgtg gaaccttttt cagtgaaaaa 1200
ttagcccttc atttacaaca gagaacacat ccaggggaaa aaccttatga atgtcatgaa 1260
tgtggaaaaa ccttcaccca gaagtcagcc cacacaagac atcagagAAC acacacaggg 1320
aaaaccctat gaatgtcacg gatgtgggaa gaccttctat aagaattcag acctcattag 1380
aatcaaaaga attcacacag g 1401
```

<210> 8764
<211> 1678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1679)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (298)...(1679)
<223> similar to gi4929812 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8764
gctcggggta atagggctgc tgctcggcct tccgttggcg gcgagcagca ggggcatgag 60
ggctaaccgc ggaagcggca gctgagcggg cggggaggag cgccggtccc cgtggatccc 120
gagagtgcag agctcggggc aggggcccgg aggcgtgggg gagccgggcc ctcccctcag 180
gaacgtgtcc cggggccgac ccggcccgtg gtgtggaagc agcttcaggt aggtgagctc 240
gtgaaacaat atgaagagga gaaaatagcc ttttaaggaa attggccac agaaaggatg 300
gccttcttgg acaatccaac tatcattcta gctcatattc gacagtcaca tgtgaccagt 360
gatgacacgg gaatgtgtga gatggttctc attgatcatg atgttgacct agagaagatt 420
catcctcctt caatgcctgg agacagtggg tcagaaattc aggggaagcaa tggtagact 480
cagggtatg tatatgccca gtcagtcgat attacctcaa gttgggactt tgggtattaga 540
agacgtcaa acacagctca aagattagaa cgactccgaa aagagagaca aaaccagatc 600
aatgcaaaa atattcagtg gaaagaaaga aattctaagc aatcagccca ggagttaaag 660
tactgtttg aaaaaaaatc tctcaaagag aagcctccaa tttctgggaa gcagtcgata 720
ttatctgtac gcctagaaca gtgccctctg cagctgaata acccttttaa cgagtattcc 780
aaatttgatg gcaaggggtca tgtaggtaca acagcaacca agaagatcga tgtctacctc 840
cctctgcact cgagccagga cagactgctg ccaatgaccg tggtgacaat ggccagcgcc 900
aggggtgcagg acctgatcgg gctcatctgc tggcagtata caagcgaagg acgggagccg 960
aagctcaatg acaatgtcag tgccactgct ctgcatattg ctgaggatga tggggagggtg 1020
gacaccgatt tccccccgct ggattccaat gagcccattc ataagtttgg cttcagtact 1080
ttggccctgg ttgaaaagta ctcatctcct ggtctgacat ccaaagagtc actctttgtt 1140
cgaataaatg ctgctcatgg attctccctt attcaggtgg acaacacaaa ggttaccatg 1200
aaggaaatct tactgaaggc agtgaagcga agaaaaggat ccagaaaagt ttcaggttca 1260
agggcagacg gggtttttga ggaggattcg caaattgaca tagccacagt acaggatatg 1320
cttagcagcc atcattacaa gtcattcaaa gtcagcatga tccacagact gcgattcaca 1380
accgacgtac agctaggtgt gcactcttcc cgggggtgct caggaagagg gctgctcccg 1440
tggactgcct caggccgagt gctgacacat ggcggcagga gcagataggg tgctgcggtg 1500
```

ctgcctgcmc	tgccttaaga	agctgagact	cacacaagtg	ttaagagggg	atctctggag	1560
acaaagtaga	gatagaccct	gttacgaatc	agaaagccag	cactaagttt	tggattaagc	1620
agaaacccat	ctcaatcgat	tccgacctgc	tctgtgcctg	tngaccttgc	tgaagaaa	1678

<210> 8765

<211> 1775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (682)...(1371)

<223> similar to gi4761644 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8765

ggtggttcag	ggggcggtgta	acctggggccg	attctgcccc	agcacactgg	ttgtcgggag	60
ccccgcctcc	gctcgcgggt	gacagctcag	ctggtgccga	gcaactcgtg	ccagccagtc	120
gtgtctcagc	ctggagagtg	cgcgcaccgc	cgcccgggca	gccgctggct	ccagctcacg	180
aaacagcccc	gggcgcgcgc	ccgctctgag	tccagcctcc	tactgagaac	agtcctctcc	240
ttgtgcgggt	cgcacggcta	gccgcagggt	cggccacgtc	aaatccattt	tctaaaaaag	300
cagggagcag	agctctctct	tgcgcgccga	cgcagaaagg	agctggggag	gaaaaagctg	360
ctgccttttg	cgctggagat	tcgtagggcaa	ggctttctcat	tttcccaggc	tgcttcccct	420
ccggggtgag	gagcgtcctg	agactaagga	aagagcctgg	aaaatggagc	agacctggac	480
gagagattat	tttgagagg	atgatgggga	gatggtaccc	agaacgagtc	acacagcagt	540
tctgtttcat	tgacagcttt	tcttagtgac	actaaagatc	gaggccctcc	agtgcagtca	600
cagatctgga	gaagtgggtga	aaaggtcccg	tttgtgcaga	catattcctt	gagagcattt	660
gagaaacccc	ctcaggtaca	gacccaggct	cttcgagact	ttgagaagca	cctcaatgac	720
ctgaagaagg	agaacttcag	cctcaagctg	ctcatctact	tcctggagga	gcgcatgcaa	780
cagaagtatg	aggccagccg	ggaggacatc	tacaagcggg	acactgagct	gaaggttgaa	840
gtggagagct	tgaacgcaga	actccaggac	aagaaacagc	atctggataa	aacatgggct	900
gatgtggaga	atctcaacag	tcagaatgaa	gctgagctcc	gacgccagtt	tgaggagcga	960
cagcaggaga	tggagcatgt	ttatgagctc	ttggagaata	agatgcagct	tctgcaggag	1020
gaatccaggc	tagcaaagaa	tgaagctgcg	cggatggcag	ctctggtgga	agcagagaag	1080
gagtgttaac	tggagctctc	agagaaaactg	aagggaagtc	ccaaaaactg	ggaagatgta	1140
ccaggagacc	aggtcaagcc	cgaccaatac	actgaggccc	tggcccagag	ggacaagtag	1200
gtgccttcgg	tgcctttttt	gtcgtttgtc	ttttgcccct	tctcaaggca	tacagcagct	1260
gtcctgttcc	ctttcaagga	ctgacagtag	gagcttcaact	atcttctaaga	ctttatgggc	1320
ccacaaccga	agacattctt	ttcagggttg	aattttcagt	ggtatccatt	atgaaaactc	1380
acttcatgga	ttcagtgggc	aaatagcggc	aagcaagaga	catggattca	cttattcggc	1440
aaacattttac	tgggcatgcc	acatgccaga	taccgggcta	agtatctggc	atgtgttaca	1500
gaaacaaaag	acctaatact	tgtcaccaag	aaacatgtta	catgatttta	ataagttccc	1560
tgatagaaga	gcatgggggtg	ctctgggggaa	atattggagg	gtcatccatt	ccacattaaa	1620
agagcaagtt	gtctgctgtg	gtctgaatgt	ttgtgtccca	tccccacctc	cctccccccac	1680
cagttttatat	gttgaaatct	taacccttaa	ggttaatact	tctgcctcca	gaagtattat	1740
gaggtggagc	cattaggagg	tgattaaatc	ataga			1775

<210> 8766
 <211> 427
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (403)...(425)
 <223> similar to gi483916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8766
 ctccatcac ataaactcac atcaccta atgtgaaggac tcacatcaca taaaaaagac 60
 tcacaaacca aagagactca cataacacat aaggactcac aacaaaaagg actcacatca 120
 cataaggact cacaacacat aaaaaactta agataaagggt gaaaaaagac attccatgca 180
 aatggacacc aaaagcaagc aagcttagct attcttctat cagacaaagc agacttttaa 240
 gcaactacag ttaaaaaata caaagagaga cggtacataa tgataaaagg actaccccaa 300
 caggaaaata ttgcaattct aaatatatgt gcacctaata ctatagctcc caaatttgta 360
 aagcaattac tactggacat aagaaatgag gtagacagca gcacaataat agtgggggat 420
 ttcataag 427

<210> 8767
 <211> 903
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (463)...(906)
 <223> similar to gi178997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8767
 aaaaaacaag ttattcgtat ttgccaaaca gacctcaaaa ctgctgaaga ggccaggatt 60
 aagtatcaga ttttctagat agtttttcta aacatttgga cttagaaatt tcaagtaaaa 120
 atgtgttttg ttgtgaacag aaattcaccg gcattattac ctaagtgtat ttccgagatg 180
 ttgccacgta tgttttctta ttacagcta gagttaatta tgaaaattgt ggggttgagg 240
 gcgaggtggg ggtggcggtt tgttttctcg tgctctccaa ctagcgtgct ctcttccct 300
 cccccgcggc gtgcagtggg gtagagaaaa ggtggcgagc gcgactggag cagcagaggc 360
 tgtagcatcg gataccacc tcccacgaac cgggtcctct tccccctct tgcgtgtgtg 420
 ttgatgtgtt gaagcaggag ggagaacgcc gcgagcagcg ccgtgagcaa cactaccatc 480
 gtccccagca ctgcggatcc gggccctagc ggcgggccca gtatcgaggg tgggtggcggc 540
 ggtggaggcg gcggcatcga ggtaatatgt gactaatctc cccgggcgct agctctgagc 600
 atatgcggac tctcttcggg ttcttaggca agatcgacga accacacctc ttcccgccgg 660
 ataattcacc tttgccaatc gcaatctcgt taaattccat gatccagact cagcagttgt 720
 cgcaccatgt ctgacaaaca ctgtattcct tgacagagct ttgataacgt accatatgca 780

```

taaggagtta ttcttgataa ggctaaggct tgtctctggt ggcaccagct aatgcaatgg      840
caggtcttct gcttggtggt gggctcctgc ctactcctaa cccacttact cagactggcg      900
ctg                                          903

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<210> 8768
<211> 1048
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (150)...(1047)
<223> similar to gi3044086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8768
cccttctccg agccaggtca ccgcaggggt ctgaaagggc aggggtgggt ggggcttaca      60
tgctgagcaa ggggtggtgg aaagagggcc gacatggtgg ccacaggcgg cctcggggat      120
ggggcgcggc tggacgcagg cagtcggtcc ccggtggtcc ggcggctcct catgactct      180
gtacagcgtg ggggcggatg ggcgggggca ggggcatcag tctagaggct gcaggcctcc      240
tggtcacccg agcgcttcc cagctccttg cctggcttgg ggggcggcgg ggcgggcgcg      300
gcgggagggg cttcgggcag atgcaggacg gagttctccc ctggctgcac ccgcaggtag      360
gccttgacct tgtggtgccg ggccttgccg tcgctgaagt cgatgacgcg gcactcgtag      420
gtgccttcgt ccgtgggctt caccggggac aggcgcagct tgtgggagat gttgctgccc      480
accaccttga ccacacttat tttggttgcc tccttccctg cgtcttccctg ctgagatgct      540
tttagctggt tcgaggccca cgcctgcttg tcggtccagt cccggtggct ccgtacatac      600
caccactgga tctccagcga gtaggagggg gagccgctgc cgcggaagga gcaggccatc      660
tccacgtcct cgcccgctcg tgctgtcatg tcatggggtg tctctgtgaa cagggcgtgg      720
ccggagacgt ggttggtcca gggcgcggtg ccggcgggcc gcgtggcgcc gccgagttgc      780
aggaaaagtg ccaggtagtg gagggcgccc agcgctacgg cgagcggggc ccccatcggtg      840
cgctctcggg ccggggggcg cgccgcctca catctggggc ccggagaccg cagaaccggc      900
gccagctgtc cctgcccctg agcggcctgg ctgcccggct ccggcagctg cccctcgccc      960
gctgtccccg gaccggccc agctcccagc cctcgcccgg ctccggccca gccccggctt     1020
cggggagcga ggcacgccc agccggcc                                          1048

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```

<210> 8769
<211> 569
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (103)...(427)
<223> similar to gi5817200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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CONFIDENTIAL

<210> 8770

<212> DNA

 $\langle 220 \rangle$
$$\langle 222 \rangle \quad (680) \dots (8)$$

<400> 8770

<210> 8771

<212> DNA

7319

<220>
 <221> misc_feature
 <222> (617)...(1495)
 <223> similar to gi6015442 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8771

ttaggagggg	tttcagaagc	aagatctcta	cttccttcag	aataataagg	tagggaagga	60
agcctcaaaa	caaagtggca	atttggaggc	agagaaggaa	taaggtagtg	gtggggagga	120
aagggatagc	aagcagggtt	agttcaggaa	ctaaaggcaa	aatcttcata	ctcataccct	180
gtttgagtc	aagaggaagc	aggaatgaga	gtaagggtgg	ggcacataat	ccttattcaa	240
gttacctgat	atttgaaaag	aaggacacat	gaacactaga	gttaatcttt	tagtgctact	300
gaaatggcta	cacagttaat	ctggaagttt	aagagctaac	aaagctgcaa	agacaagctg	360
ctctttgttg	taaagtggac	tgaagatggt	tcaaataaaa	ctacatccaa	aaactggtag	420
taagaaaagg	gatctcttag	caaataggaa	tctaggtgta	gaattttatac	acatatatat	480
tttttaaagt	ataaaaatga	gaaagtatgt	acaaaaaatc	atcctaaatc	ttagaaaagga	540
gacataaaaa	aaaggctgtg	gaaagcctgg	ggagttatgt	gggtgggatgc	ctagcagttg	600
gaagaatgca	tattgcccaa	ctgccagca	gccagcacia	gaatatcttt	cttctccttg	660
tggaagcgca	gctccttgcc	tgccagtcgg	gcttcatcca	gctcccgcctc	agtagaggcc	720
agctctctag	acagtgcctc	cggcacactc	tgctcccggc	tcacccagtc	caaggccatt	780
tgggtggcgaa	tatcatcatc	caggggccgg	tgcgaataat	gagccaacac	ctcctgccga	840
gagcattgtc	gttcctcat	ggccttaagg	ctgccattcc	agtgtagcag	ttgaaaaact	900
gtcattagct	cctggaactc	caacattgat	ttgcccttgt	tggattccag	catgaatcgg	960
aaggcaccaa	tcctgtatt	tgggttgta	gcttctccc	tgttgccatt	aaaagatgcc	1020
agggcctcag	agacactctt	ctcgatgaac	tcacagtgta	ttcttcggga	aggatgttca	1080
ttaaacacag	aattcattag	cgcaatcttt	gcagcactcc	tcggggcctc	agcttttgtg	1140
gggcaaaact	ggaaactccc	aaagcagctt	ccccaggcca	gggtgacata	gcagacataa	1200
ggagggctgt	tggaggggaa	catctcataa	accactagag	cccatctctt	taagtcagca	1260
ccacgggact	gcttcatctg	ccagaattcc	tgaagtgcct	ccaccacatt	cactgaatgt	1320
ccgcagaatc	tccgcctggc	caggattggg	gccgtggcca	cggggcagcc	gaggtggcgg	1380
agccagtttc	ctggggggcc	gcatggcggt	gggggggggc	acccggattc	ccttggtgtc	1440
agtatctgcg	ccccggcgcc	ggatcctggt	ccctcctccc	ggagcgccca	cgaaa	1495

<210> 8772
 <211> 2457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2278)...(71)
 <223> similar to gi2317962 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8772

ttttttcacg	gacagacagg	gtcgtttgtc	acagcagaga	agcacctcac	ggctcctacc	60
------------	------------	------------	------------	------------	------------	----

cgcactcacc	gcgagacagt	cctgcagcgg	gagcggcgcg	agcaccctcc	ccagatgaaa	120
acaccagcac	caggaggtgg	gccgtagccc	aggctgaggg	aggaggctgg	gggctggggc	180
tcaggggccc	cccccgcca	cagcgccacc	ctgagtggcc	ctgaaaatag	tgcacagtgc	240
tgggtactgc	cccggccgga	ggcacctagt	tgttgagcat	tccggccaca	ggccaccgcg	300
tggcccttcc	ttggtgtggc	acgagaccac	gggcacttgc	aggagctccc	tgcattgtgt	360
tttgtgcttt	ggtctcaggg	agcaccctcc	tacctcgggg	tcccagagt	ggcagccggg	420
caggtgtgaa	cagtgtgaca	agggtaccgt	ggggcacctg	gtagtgccac	ccagaggggc	480
agccggtgct	cctggtggtg	tggcagcaac	agttacaaac	tcaccccaag	tccaaacccc	540
agaaatcctg	tttctctggc	cctccgggtc	cagaatgccc	tgcactgcct	cctggcctca	600
ggggctgctg	cggtggtggg	aaggctgccc	agcagtgagg	aaggcgagt	caggggctgc	660
ggccgcggtc	agagaaggag	agacaccagc	agaggacgcg	aagctgcgac	cggccaggtt	720
cagagcccgc	ctcggttgct	cccaatcaga	atctgctttg	tgtccacgg	cctccaagca	780
ctttcatgag	cgttctgtct	ctacgtggcc	aggctctacc	ttccctgacg	gctctggcca	840
ggccagctcg	gtttccctct	aacccatgag	gcctgggggg	gctgtgacag	aggctggaag	900
cgtggccaga	gcccaggggc	aggcccgctt	ggtcacagca	ggatgaggct	ggggtggcgc	960
agctgccggt	acacctgtag	cagcctcttg	gcggtggcac	aggagctggc	ctcctctccc	1020
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atctggcgga	ggtactgcac	acggagatca	ggacgctgg	agccctgggc	ggcctgctct	1140
gtcaccatcg	tctgcatgcg	ccgcacaacg	gcatggtgcg	ccctgcaaat	gtcgcccaga	1200
gaggagcttt	ccacttgaat	ctccacggcc	tggatggggc	ctgctgggca	caggtcggtc	1260
atggccacct	ctcggaagat	gaggtgaacg	ttggcgccat	caggggccac	tccctggatg	1320
gaagatagtg	ctcgggccct	cacgacgtcc	acagcagcat	tctcagcaag	gagccactgc	1380
agggtggcac	agcacagggg	cacgcctgag	tggccgtcct	tcaaggcagc	tctgagcagc	1440
tccgccgaca	ccttgatgga	agccacagat	gggggcaggt	actcgccccg	cagggaggcg	1500
ggtcctgctg	gctggctgcc	aggctcccga	caagtttcca	gaaaagtggc	cacagggtct	1560
cgggtggggc	cgagtgggga	gggggcccgt	gtgtgtggca	gggccaggcc	agggaagcgc	1620
agacactgca	gcatgtccac	tgtgtgcctg	ctcaggggca	ggcaaacacc	ctcttgctcg	1680
ggcaggacgt	cggaggggca	ctcatccaga	aaggggtcct	cagagtctga	gggggcaagg	1740
gccccgccca	ccacctccct	gagactgtag	aacagcgtgc	aggacacggt	cacgggcagg	1800
tcgagcccgc	cgttctcacc	agggcccagg	ggtagcgtca	cctcccggcc	agcaccgggg	1860
ccgagctggt	ccacggggat	ggtgtaggtg	atggcggagc	aggccgagtc	caggtcgaga	1920
gcacaggagc	tggtagcac	ctggatgcac	agggtccacc	cctggtccag	gctgaagctg	1980
ctgctgttct	ctagcacgca	ggtggccatg	agcacatcct	gtgtctgcag	gcggtccag	2040
gtggtgctgg	tggtagcaga	gatgggtctg	gggcccgtgc	cgcttgacag	cagtgcacag	2100
ctcacgttca	tggccctcgt	gaggcttgct	agtgccttgt	tccgctgggt	aaccgccttc	2160
tttagaaaag	acactctctc	agagatgttg	ccaattccag	acagcagctc	ctttattttc	2220
tgacctgcac	tctctgtggt	catcctggct	gggccaaggca	tctcagagtc	caggtccagg	2280
ctgcagggtca	tcaggcgggc	tttggcggac	agggccaggga	gcttggtgcc	accttcagtc	2340
gtcctgggag	acgcggacag	cgagacgaca	ctgcagatgt	tcaggctggc	tgggcacagc	2400
atgggggggca	ggcctcccgg	gccttcttcg	ggctgctcag	ggcccagcgg	ggtgtttt	2457

<210> 8773

<211> 688

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (188)^- \dots (688)$$

```
<223> similar to gi296382 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```


<210> 8775
 <211> 569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (306)...(570)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8775
 gctgcgagaa gacgacagaa ggggacactt aggttctttg tagctaactg tgtgatcttg 60
 ggcaagtcac ttggcctttt agagcttcat tttcttcaaa cacaacaata agaactacta 120
 tgtgagggga cttcaaagaa aactcatgga aaaatacata ttatgaaaaa actgcagaat 180
 ttcaaaatth ttgatgcacc aaaataaact tgcactaact tgtcataaca tatctgaaca 240
 ggatgtagtt tgaggcacta agaaggataa gacatcagtt tgaaaagagc ccctatcaga 300
 gcaacataag ttctgctaaa attgaagcaa aaacaaacat aaaatttatg gtgaagctgg 360
 gtgaaagaat ggtgaaatca ttgatgcttt acataaagtt tatggggaca atgccccaaa 420
 taaataattg gatggctcat tttaagaagg gacaagatga tgttgaagat gaagcctgta 480
 gtagcagact gtccagtttg caaggaaaaa attcatcttg ttcatgccgt aattgaagag 540
 gaatgatgat taacagcaca aataatagc 569

<210> 8776
 <211> 1083
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1084)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (63)...(1083)
 <223> similar to gi5689519 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8776
 atcctctaga gcggcgctt ccccgcgcc gagcgaggag gcaggctgcg gcggcgagag 60
 gcggctgcgc ggccatgggc gcgccagtgt cgccctaggg cgggcgcaca gaccacagcc 120
 ggagcggtag tggcagcctc cgcagaaagc cttcccgggc ggcggcggcg gcggccctg 180
 gagcagcgcg gccgggatga gcgggagctg cgcggcgccc ggcccgggct cgggctcctc 240
 cccggcgccg tgccgcttcg cgcactactt cgtgctgtgc gggatcgacg cggacagcgg 300

<220>
 <221> misc_feature
 <222> (17)...(608)
 <223> similar to gi3413516 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8778
 cgacccacgc gtccgggtgga tcctgccctc cctgtggctt ctccctgcttg gggggcctgc 60
 ctgcctgaag acccaggaac accccagctg cccaggtggg cacctagggg gccctcctca 120
 ccaacccact cctcattccc tcgctgggtg tccccccacc aaggctcatc aacctcaagg 180
 agcaggtgag gagtttcata atctgggctc tgcatgtaaa tatatgcaaa tggatgcaaa 240
 gcacacgaaa ccttgccagc tcaggagaca agcatcctga cagtgggaat ctgggagaca 300
 ggaagagAAC tgaagagggg tctggaagag acagtctacc ctgtgcccac cctgcctgtg 360
 tctccctgta ggacccaggg aactggaagc cagcaaagtt gtccctcctgc ccagttgtcc 420
 cggagctcca ggaagtccctg gagagaatgg agccccaggt cctcaagggc catctggacc 480
 accagactag atggtcccca cgtgtgagcc aagacatcca gtgatcctgc tgcgatgacg 540
 ttatagcctc ataaattgac ggcagctcaa gagcttattc gccaaacttg ggcggattta 600
 accattcttg ggaattttaag agcaggctgc ccacctggtg aacg 644

<210> 8779
 <211> 1840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (584)...(1580)
 <223> similar to gil196425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8779
 gtggagcatc cctgtggggg actctggcca gcttgagtga cgcagatcct gagaccactc 60
 ccgggtaggc aattgccccg gtggaacgcc tcatcagagc agtgcggtggc agggccctgt 120
 ggaggatcaa cgcagtggct gaacaccggg aaggaatggg cacttggagt ccggacattt 180
 gaaacttggg aatcgagtgt ggatcaagga ctggaacgta acttctttgt gccacgggtg 240
 gaaagaccgt agtctgtcgt cctgaccact cccaccgctg tgaaggtaga gggaatccca 300
 gcctggatcc accacagccg tgtaaaacct gcagcacctg aaacctggga ggcaagacca 360
 agcccagacg acccttgacg agtgaccctg aggaagacga caagccctgc tccagtcaca 420
 cccagaagct gactggtcca cacatggccg aagcatgagg aagctcatca tgggattcat 480
 ttttcttaaa ttttggactt acacagtaag ggcttcaact gaccttactc aaactgggga 540
 ctgttccagc tgtattcatc aggtcaccga ggtaggacag caaactaaaa caatctttct 600
 gttctatagt tattatgaat gtatgggaac attaaaagaa acttgtttgt ataatgccag 660
 tcagtacaag gtatgtagcc tgggaaatga ctgacctgat gtgtgttata acccatctga 720
 gccccctaca accaccagtt ttgaaataag attaagaact ggccttttcc taggtgatac 780
 aagtgaataa ataactagaa cagaagaaaa aggaatcccc aaacaagtaa ctttaagatt 840
 tgacgcttgt gcagccatta atagtaacaa gctaggaaca ggatgtggtt ctcttaactg 900
 ggaaaggagc tacagagtag aaaataaata tgtttgtcat gagtcagggg tttgtgaaaa 960

ttgtgccttt	tggccatgtg	ttattttaggc	tacttgga	aagaacaaaa	aggacttggt	1020
tcatcttcag	aaaggggaag	ccaacccctc	ctgtgctgcc	agtcactgta	accactaga	1080
actaataatt	accaatcccc	tagatcccca	ttggaaaaag	ggagaatgtg	taaccctggg	1140
gatcaaagg	acaggggtta	accccccaag	tgccatttta	gttcaagggg	aggtccacaa	1200
gcactctccc	aaaccagtgt	ttcaaacctt	ttatgaggag	ttaaatctgc	cagcaccaga	1260
acttctgaaa	aagataaaaa	atgtgtttct	ccaattagca	gaaaatgtag	ctcattccct	1320
taatgttact	tcttggtata	tatgcggggg	aaccactatc	agagaccgat	ggccttgggg	1380
agcctgagag	ttggtgcccc	ctgatccagc	tcctgatata	atgggggctt	gtccaggatc	1440
tcatcaggac	tgatgggtc	tcgctggact	atactggata	tgtgggcaga	gagcctacat	1500
tcagttaccc	taatgaaatg	ggcagacagt	tgtgttattg	gcactattaa	gccatccttt	1560
ttcttattac	cgataaaaac	tactggtagt	atctgtaaat	tccagacatt	gtatgagaaa	1620
gcactgtaaa	actttttgtt	ctgttagctg	atatagttag	cctccagtca	cattcctcat	1680
gcttacttga	tctatcatga	ccctttcacg	cggacccctt	agagttgtaa	gcccttaaaa	1740
gggctaggaa	tttctttttt	ggggagcttg	gctcttaaga	catgagctctg	ccgatgctac	1800
cggccaaata	aaaacctctt	ccttctttta	aaaaaaaaaa			1840

<210> 8780
 <211> 857
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (668)...(858)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8780		
cggcacgaga	aaaaagatat atacttaggt gtgtagtagc tggttcacag gcatgcatag 60	
cctcaactta	tataagttat gccaaacttg gttctgaagt gggcatggca gcttatgctc 120	
ccagcaggag	tctatgagaa ttcttggttg acatccctcac caacatttgg gattgtgaga 180	
cctcatgttt	tatccatcta ttcagctgga agtgaaatct cagaggggtt tttaagttgc 240	
ttactagtga	gcatgagcat cttttcatat gttgcttggc ccttcctggt tccccatctg 300	
tgatttgacc	attcaaggtg ttgacctact tttcaatggg tctattcttt ttgtttattga 360	
tttgtagaaa	tcccatataa attatggaaa catttaggtc tttaactgga attaatatta 420	
tatgaatgct	gggagataga aataaatttt tgccctgctt atcttcttac ttgtttattt 480	
tcatggtttc	ctggcatatt atttttgttt tattttttgc ttttaaatat aactatatag 540	
ctggtattac	actatgtagc aactgagtg ttttgtcttt ttaaaagcat ttogttatat 600	
aaaaatgggg	tgggcacagt ggctcacgcc tgtaatccca gactttgaga ggctgagggtg 660	
ggtggatcac	ttgaggccag gagtttgaga ccagcctggc caacatggca aaatcccgtc 720	
tctactaaaa	atacacaaat tagccgagcc tgggtggtgca tgctgaaaa taccagctac 780	
tcggatggct	gaggagttag aatcgccctg aacctgggag gcgaagggtg caatgaactg 840	
agatcacacc	actgtac	857

<210> 8781
 <211> 459

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (193)...(461)
 <223> similar to gi339771 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8781
 ccgatggagg cctattccag ccagcgctac aagaactgct aaaaggagct ctaaacccttg 60
 aaagaaattc ttgaaatact ccaaaataga acctccttaa accgtaaatc ttacaagacc 120
 tatgtaacaa taatatgatt tttaaaaaaa ggtattcagg caacaaatag catgaggaat 180
 agaatagtac ctcacatctc aataactaaca ttgaatgtaa atggcctaaa tgctctactt 240
 aaaggataca gaatggaaga atggataaga attcaccaac caagtttctg ctgtcttcag 300
 tagactcacc taagagtaag gactcacaga aacttaagta aaggggtaga aaaagatact 360
 ccatgcaaat ggacaccaa tgtgagcagg gatcactatt tttatatcag acaaaacaga 420
 ccttaaagca acagcagtta ggaaaaaaca aagaggggac 459

<210> 8782
 <211> 806
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (23)...(556)
 <223> similar to gi3875351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8782
 gcttgaattc gctcgcgggg ccatgccatt cctcgggcag gactggcggt ccccggggca 60
 gaactgggtg aagacgggtcg acggctggaa gcgcttcctg gatgagaaga gcggcagttt 120
 cgtgagcgac ctcagcagtt actgcaacaa ggaggtatac aataaggaga atcttttcaa 180
 cagcctgaac tatgatgttg cagccaagaa gagaaagaag gacatgctga atagcaaaac 240
 caaaactcag tatttccacc aagaaaaatg gatctatggt cacaaaggaa gtactaaaga 300
 gcgccatgga tattgcaccc tgggggaagc tttcaacaga ctggacttct caactgccat 360
 tctggattcc agaagattta actacgtggt ccggctgttg gagctgatag caaagtcaca 420
 gctcacatcc ctgagtggca tcgccccaaa gaacttcatg aatatttttg aaaaagtggg 480
 actgaaagtc cttgaagacc agcaaaacat tacactaata aggggaactac tccagaccct 540
 ctacacatcc ttatgtacac tgggtcaaaag agtcggcaag tctgtgctgg tcgggaacat 600
 taacatgtgg gtgtatcgga tggagacgat tctccactgg cagcagcagc tgaacaacat 660
 tcagatcacc agggtaagcg ggcaggccca gcctcctccc ggcagtgggt ccctccacag 720
 ggatactgga cagactcgcc aagactttga attcactcct gtgacggaag agtctggtct 780
 tttctgatct gctgccttgt tctggt 806

<210> 8783
 <211> 1114
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (398)...(1117)
 <223> similar to gi4689328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8783
 gcggccgctg ctgaggcgga gactccccgc cgccgcttcc tccatcccca gtccgcccgc 60
 ctgcgggcgc tgcagggcggtg ttgcgcgcag agctcttccc tctcctttt tcttcctcct 120
 cctcctcctc ctccgggtcc ccgcccagca cccctcgcac caggcgggcg cggcggagga 180
 ggagagctag acccgccgcc ggggcacaa atggcgagc cctcggcccc ggagagcaag 240
 cacaagtcgt ccctcaactc gtccccgtgg agtggcctca tggccctggg aaacagcccg 300
 cacggccacc acgggcccgc ggcccagtgc gcgcacaagg cggcgggcg cgcgccgcgc 360
 ccgaagccgc ccccgccgc gtgctcacgc ggggctgtcg cagccggctg ggtggcagtc 420
 gcttctctcc ttcaccatcc tcttcctggc ctggcttgcc ggcttcagct cgcgcctctt 480
 cgccgtcatc cgcttcgaaa gcatcatcca cgagtccgac ccgtggttta actatagatc 540
 aacacatcat cttgcatctc atgggttcta tgaattttta aattggtttg atgaaagagc 600
 atggtatcca ctaggaagaa tagtaggtgg tactgtttac ccagggttga tgataaccgc 660
 tggccttatt cattggattt taaatacatt gaacataact gtccacataa gagacgtatg 720
 tgtgttcctt gcaccaactt ttagcggcct tacatctata tctactttcc tgcttacaag 780
 agaacttttg aaccaaggag caggactttt agctgcttgt tttattgcta ttgtaccagg 840
 ctacatatct cggtcagtag ctggatcctt tgataatgaa ggcattgcta tttttgcaact 900
 tcagttcaca tactatttat gggtaaaatc tgtaaaaact gggtcagttt tttggacaat 960
 gtgctgctgc ttatcctatt tctatatggt ctctgcttgg ggtggttatg tatttatcat 1020
 caatcttatt ccactgcatg catttggtgt ggtactgatg cagatacagc aaaagagtct 1080
 acatatgata tagcactttc tacattgtgg gttt 1114

<210> 8784
 <211> 1758
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1575)...(80)
 <223> similar to gi560151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8784

ggaattcgat	tgcaccactg	cactccagcc	tgggcgacaa	agcgagactc	cgtctcaaaa	60
aaagagaaac	atcttttagc	ttttctaagg	atccctgggg	gacgggaggc	aggtgtgcgg	120
tgagttgggg	gattagaagc	tcccagggtc	cttccgtcag	ctgctggggac	cccagatcca	180
ctgtgacttt	ccttcccagg	gaagaccctt	cgcacagtgg	agccgctgga	cagccgggtg	240
cccctgactg	cggtggctgt	catgcccgcc	ccccacacca	gcatacccat	ggccagctct	300
gactctaccc	tgcgctttgt	ggactgcagg	aagcctggtc	tgcagcacga	gttccgactg	360
ggcggtgggc	tgaaccctgg	gcttgctcgt	gccctggcca	tcagcccag	tggccgtagt	420
gtcgtggccg	gcttctcctc	aggcttcatt	gtgctcctgg	acaccgcac	gggcctggtt	480
ctgcgaggct	ggccagccca	cgagggggac	attctgcaga	tcaaggcggc	ggagggcagc	540
gtcctggtca	gctcctcctc	tgaccattcc	ttgactgtct	ggaaggagct	ggagcagaag	600
cccaccatc	actacaagtc	agcatccgac	cccatccaca	cctttgacct	gtacggcagc	660
gaggtgggtc	ctggcacctg	gtccaacaag	attggcgtct	gctccctgct	tgagccaccc	720
tcgcaggcca	ccacgaagct	cagctctgag	aacttccgcg	gcacgctcac	cagcctggcc	780
ttgctgcccc	ctaaacgcca	cctcctgctg	ggctcacaga	acggggttat	ccgcctcttg	840
gcatagactg	aggcaggagc	tggccgggca	agggtgagg	gacatctgcy	ggcgcgtgtc	900
cgctcacccct	gttccttgag	cagcagctcc	ctccaggggag	gccctgggtc	ccacgcccctg	960
ggtgccccaca	tggcctgcca	actagggcct	gcaaattggag	tgggggagtc	ctggcccctg	1020
aatcaccaga	gccaccaagc	ctgccagagg	ggtctcattc	atggcttggtg	gacacagggc	1080
tcctagcaag	caggaagtta	agagcaggag	gaagcgttgc	taccttcaact	tctccccagc	1140
tccgcctctc	gggtccacat	gaggacaggg	aagctcggga	aggggaaggg	agactggccc	1200
tgcccagccg	gtctctagcc	cctcagcccc	cgctgggcac	tctctgtccc	atccctctag	1260
gacagggaag	ctggcctggt	ccagggcact	gatggtgctt	ggattccagc	ctaagggaag	1320
ctggccgtgg	tccaggagtt	aagggttgg	gtctgggggt	taagtggcca	cccatccagg	1380
ccctggccag	tgtgggaccg	ggacgggaag	gaagaaggag	gctaggagca	gggggaaaag	1440
gtgcacttgg	ccagtggcgc	ctgccaggag	tgagtccatg	cgttgtctgc	ccacccttac	1500
cacagtgttt	gtgccttcag	ctgagggggc	agcctctggg	ccctgaaccc	ctgctggggc	1560
tcacagcccc	tgagagaagg	ggtgagaaga	atcatctctg	cacctcgggt	ctctgccaga	1620
ggaagactta	agcatccctg	cgacctcaca	ttctagacag	agatgagggt	caggggttgg	1680
cccctgctgc	cttctcacaa	tttgcaatag	atgtaaatag	gaccaataaa	tccttttgaa	1740
gagccaaaaa	aaaaaaaa					1758

```
<210> 8785
<211> 863
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(864)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (65)...(630)
<223> similar to gi4455154 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8785
gggcttcattc cccagaccac aagccgctcg ctgcggctct gttttctctt ctgctcctgt 60
ttctctggag agcagagctc tctctctccc agtqtctttc tgggccccga gctatctcac 120

ctgcccgtgt	ccccggttcc	tgtagcctga	gacctatcag	atgtcatctt	ccacggagcc	1500
actgtgctcg	cctaaggagg	taaccacttc	agcctgtcgg	gcaaaaggca	gggctttgac	1560
cttcacatcc	acaggccacg	gctgaaaggt	aagaagccgg	atggccacac	ggcacagggtg	1620
cttgagggggc	gggggatagc	tctccagctg	cctcaaggag	aagtggaggg	cctggatctt	1680
ttccgccagg	ctgcccacag	ggtggatatc	gaagttttcg	ggcagctgga	gtttctgaga	1740
gttggtcacc	atgagatcca	ggacagtctc	agctttgctc	aggaggtccg	catggctctc	1800
gtcttccgtg	cagcctgggt	gggaacagag	cctctcaaag	atgatgtgaa	agccagacca	1860
gcaggacgca	ccgtgcaggg	agcagttgta	ggcggctccg	gactccagga	ggaagcgag	1920
gagagggaag	tgcagtttaa	agctcttcag	gcagatgtgg	gtgagggact	cgtgggctgg	1980
gcactcgctg	gggtcggccc	cgtgtgccag	cagcagccgt	gtgacttga	agcagaagcg	2040
gttgatcatc	tgggcctcct	ctttgtcccc	tcccacggtc	tcaccaagca	ggaagatgat	2100
gcagggtgaac	actgtgtccc	catctttggt	ggtggccttg	acgtctgccc	ctccttccag	2160
taagagacga	atgttctcag	tattgtggat	ctgcaccccg	tcgctgctgg	ccagagcatg	2220
gagcagagca	gtttttccta	gggagggagg	gagagcaagg	aggagcagga	ggccagggaag	2280
cccaggctcag	ggcaaccacg	aggaggtggc	agaaatccag	acactcagag	gatcagaaga	2340
tgaactttca	gagacaactc	tcagctcagg	tgagggtctg	gggtgacggg	cttctggcca	2400
ttccctttcc	acccagagaa	gtgggagcgg	aaaggccagg	aaaggtagga	tttttctgga	2460
c						2461

<210> 8787
 <211> 1616
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (199)...(1431)
 <223> similar to gi2393734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8787						
ggaattcgcg	gcaagatggc	ggaccgtggc	ggcgtgggtg	aagccgcagc	tgttggagcg	60
tctcctgcat	ctgtccctgg	cctaaacccg	acgctaggct	ggagggagcg	actgcggggc	120
gggctggcgg	ggactggggc	ctcgttgtgg	ttcgtggcgg	ggctggggct	gctttacgcc	180
ctgaggatcc	ctttgaggct	gtgtgagaat	ttggcagcgg	tgactgtatt	tttaaattca	240
ttgacaccca	aattctatgt	ggcacttaca	gggacctctt	cattgatata	aggactaata	300
tttatatttg	aatggtggta	cttccataag	catggcacat	cttttattga	gcaagtatct	360
gtaagccatt	tgcaaccact	gatgggagga	acagagagca	gcatttcaga	accaggttct	420
ccttcgagga	acagagaaaa	tgaaaccagc	agacagaatt	tgtcagaatg	taaggatatg	480
agaaaccctc	taaatctttt	cagaggagca	gaatatagga	gatacacttg	ggtgactggg	540
aaagagccac	ttacatacta	tgacatgaac	ctgtcagctc	aggaccatca	gacctttttc	600
acctgtgaca	cagatttttt	acgtccttca	gacacagtta	tgacagaagg	ttggagggaa	660
agaaatcctc	cagctcgaat	caaagcagcc	tatcaagctt	tagaattaaa	caatgactgt	720
gccactgcat	atgttctact	ggctgaggaa	gaagcaacaa	ctattgtaga	tgctgaaagg	780
ttattttaa	aggcactcaa	ggcaggagaa	acaatttata	ggcagtcaca	gcagtgccag	840
caccaaagtc	ctcagcatga	agctcaactg	aggagagata	ccaatgtact	ggtatatatt	900
aattgaagat	tggcaatgtg	tgcaagaaaa	ttaggaagaa	taagagaagc	agtaaaaaata	960
atgagagatt	tgatgaatga	atttcctcct	cttaccatgt	tgaacatcca	tgaaaaatctc	1020
ttagaatcac	ttttagaatt	acaggcctat	ccagatgttc	aggcagtcct	acaaaaatat	1080
gatgatataa	gccttccaaa	gtcagcagca	atctgttaca	cagcagcact	gttgaagaca	1140

aggactgttt	cagaaaaatt	ctctccagaa	acagcctcca	caagaggatt	aagcgcagca	1200
gaaattaatg	ccgtggatgc	aattcataga	gctgtggaat	ttaatcctca	tgttccaaaa	1260
tatttattag	agatgaaaag	tttaatttta	cctccagaac	acattctgaa	acgggggtgat	1320
agtgaagcaa	ttgcctatgc	tttctttcat	cttcagcact	ggaaacgaat	agaagggtgct	1380
cttaatctgt	tacagtgtac	atgggaaggc	agtaagtatt	cttttccaaa	agtaacacta	1440
atctctctaa	ctattcattg	aattcacagg	cagtcttttt	aaatgagatt	gtctggggttt	1500
ccataaggat	ttgtcgttca	gattggtttc	aaatggaaaat	tagtgatgag	atatttggtt	1560
tattggtaga	aatgcataat	gttatattga	tcccacaaaa	gcagaatgag	aaattg	1616

<210> 8788
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (330)...(973)
 <223> similar to gi206712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8788		
tttgttaaaa	ggagtctcgc tttgtcccc aggggtggggg cacttggggc gtttttttgt 60	
ccctgcaagg	cccgggccct ggggggtttaa acaatttttt tggggtagcc ccccaactaa 120	
gtggggctac	agggggcccc ccccccccc ggggtttttt ttttttctt tctttctaag 180	
tagagacagg	gtttcatcat gttggccagg atgatccga actcctgact tcagatgac 240	
cacctgcctc	agactcccaa agtgcctggga ttacaggcgt gagccactgt gccagcctc 300	
ttggaaagat	ttggattcgc ttcattggagc caggggagcag gacatagggtg aagaaccag 360	
cttgtggctc	aagttggcct gaatagggtt cgaggccctg ccccccggt cctctttgtc 420	
catgtgttca	aggaaaaaat gggagagtcc aataccaaa aggtgggtcag agatccggag 480	
ttgggcctga	ttccaaagaa ggggtcaaggc caaggcctcg agcttacgtg tggccaccag 540	
ggggcagcag	ggatcggggg gtgcagggtg cttttcctcc ccgcctccac tggcccatgg 600	
gtcagaagtc	cagctcgggc atcagggtgt gcttgaccgg gcagctgggg gtctcgggtt 660	
cctgctcgca	gatgtccccg gcaacaccca tcctgtcccc atccccattc cactcccgt 720	
ccctgtgctc	tgcctcccag gctctctgct gggccggcca gtccagggtg gccagcggg 780	
ggtcagggcc	cccgatgacc tcgtccacca ggtccggcag gtcgggcagg ggctcgggtc 840	
gctccacaag	gatgggcgcg aagggtccca ccagccaggg cagcggcacg gcctgcacca 900	
ccagctccag	cagctcgtcc acgcaggcgt gcgcgtgggc cagcgcaccc cggccctcgg 960	
ccagcgcggc	cg	972

<210> 8789
 <211> 681
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (225)...(681)
 <223> similar to gi451544 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8789
 caacttgaag ggaaaaagtc acttacaaat acctacatgc tggtttttaa gcaactctca 60
 gtgtgggtttt ccgagggggcc tgcaaagagg gaagtagtgg aagaaccaga gttctaaaat 120
 gaggcgctct agtaggaggc aacaagtaag ctctgcccc aagctccttt taaaaccaac 180
 ataatgagt aacagaagaa aaggattttg ggtccaggaa gtaggctcat tctccataac 240
 catcggaag gaagaggccc aggagcgct ccacatcctg accctagctt ttaacaccat 300
 cgttttgggg agaggagagg aggaacgcac ccacagttag gtctccaccc aacacttctc 360
 cgaccccagc ttcagcctgg cgacacctcc tccccaaacc cgctctccc gcctcggaga 420
 cccctcctc ctccctgcc ccaaggcca cgagcccc atctagccag tcctcacgga 480
 ccctggacca agacgcgct cctggaggcc gagactgccc gaaacccggc ccctgcgtcc 540
 accgggagcg ccacactctg gcagctgacc ggcggctgtc gccgggggta aggttacgc 600
 tccgcttccg cggctggcct gcgacccggc cacctgcagg gcctggcagg cgcccgaaact 660
 catccccctc ccgcgccccg c 681

<210> 8790
 <211> 987
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (53)...(990)
 <223> similar to gi2760483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8790
 aatcgaagat cattagtcag tgcggtggaa ttcccagaat gaagtgtgga tgccacctcc 60
 agcctgcagg acggagcccc ctcccatcat cacacagtgc acctgggctc tgcagcccct 120
 tgccctccatt gcagcgcag caagaggcct ccactgttcc gtcaggagcg ctccaaggaa 180
 ggaaaaagcc gcccccgac aggggagacc actgtgttct ctgtgggcag gttccgggtg 240
 acacacattg agaagcgcta tggactgcac gaacaccgtg atggctcccc cacagacagg 300
 agctggggct ctggtggggg acaggaccca gggggtggtc aggggtctgg gggagggcag 360
 cccaaggcag ggatgcctgc catggagagg ctgccccctg agaggccaca gccccaggtc 420
 ctaggcagcc cccagtcaca gaatggagga ctcagggaca gcagcctaac ccctcgtgca 480
 cttgaaggga accccagagc ttctgcagag ccaacactga gggccggagg gaggggcca 540
 agcccagggc tgccactca agaggcaaat gggcagccaa gcaaaccaga cacttctgat 600
 caccaggtgt ctctaccaca gggagcagg agtatgtgag tctccttcat tgtgctgatg 660
 gactaccagc tggcagggcc agggggtggg tgggcgtgaa agccctcccc tccactggac 720
 agcactgccc ccagctgag ggaccagctc tacttccacc tggagttgca cagtctcagg 780
 ctgggggctt caggagaggc cacagccctt cagtctcttc tccttccccct gcctgcaaca 840
 ggctgcctgc cccgccttcc ccaacacctc gctccatatg atagagcgtg gcagctggga 900
 gcaggccccct gccggtggtg ggccccctaaa gcaatagcac cgtaggcccc ctgccctctt 960
 agcacaagag gcccaggccc tggcctg 987

<210> 8791
 <211> 727
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (270)...(727)
 <223> similar to gil9923 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8791

gtcggggaat	tccacggaca	gacgcagacg	gacacagcga	catgccccag	acacgttaag	60
ggactggttg	gccaaactca	gacacgtgga	cagggataga	cagaaagaga	cagaagctgg	120
ggctacgtcc	atgtggacac	agaccacaga	tgtgggcaca	cgaatccatc	cacctgtcca	180
cgtgcacacg	tgaatgtagc	gatagatatt	tggacatcaa	atttggacac	caggtcacgg	240
agaaacacaa	acaccaccca	ggaacacgca	gacatatgcc	catagcatcc	cacaggccca	300
ggcaggaggt	cccaccccag	accctgcccc	agacgctccc	tcacctctc	ggccccctcg	360
ccctggcccc	caggttctct	gcagagatct	ctcctggacc	cccagcggtc	tccttggcgc	420
ccacgaacac	aggcgtgcac	acgcagcgca	catgcattga	gacacacgat	acctcgttcc	480
accttggcgt	cacggtgggc	tggaggcagc	ccccccccc	acaacacttg	aggccaaagg	540
acacccctgt	ccccgggget	cagcctcccc	ctgggcccag	gccttggccc	acacagctga	600
gggagaggcc	cagccctgag	cctccccca	caggactggg	cctccccggc	agcaagaccc	660
cggcactccc	cgccaggccc	agggtggggg	agatgggccc	aaaggcccag	ccccacactc	720
ctttccc						727

<210> 8792
 <211> 1862
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (831)...(255)
 <223> similar to gil336628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8792

cgtattttgt	gggagaggat	atgggggtat	tttttccccg	gataaaaaag	gtttttttta	60
aaaagggaga	aatgaagaat	ttttgataga	taggtgtttt	taaaaatgcg	ggagttagtt	120
attttttata	tacttctttt	ttgaaggaaa	atattagttt	tgtgattagg	gtaaatgggg	180
gggcccata	gaggtttttt	aaaaaggggg	cctttttttt	tttttttttt	tttttttttt	240

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tttttttttt tttttttttt tttttttttt ttgccacttt tgtattttat tgtggaactg 300
agtttttttt tttcctttac atcaaataat ctcaatggaa gaggggatat tgcacacaaa 360
tatcataaaa gcactacata ttactttcac tggaaactaa ttttctacat tagatatgac 420
tggataggat agaagtgatg caggattata agacataata ccatacacag ctgcagactg 480
acacaaacac cattcagaac aagagagagg agtgtgaagt gcttctcagc tgggctcaag 540
accacttctt tccagtgtctg gaaagagggg ctgcatgcag tgtaggaaaa gcgtgtctct 600
gaactgccac aggggtgttct cgaaagggca gcccgggtctt gatgccactt ctccatggct 660
cctgttttgg ggagctccaa acaagtgcag agaagctgcc tattttttcc ctcccttttc 720
agtttttgat gctgccttta aaaatcaact tcatgaagtc acagattttt taacagtaaa 780
tagttttaat accaggtgaa taacctaat gctttcaaag aaatgctcat ccctaggctg 840
cttttggtgt attgttcagt tggttaaaag ataaaagctt acagttcctt tcaaattgaa 900
acaggatctt tttttttaa tctgaagcac aaaaaaaaaa agttattatc ctaactcaca 960
atatcattac tgagcaggaa cctcctgtga caggtgacta aagagaggca agaaaagcaa 1020
attcagaatt gtagagcagc tcctaagagc tgaaatttgg taacagaggg aaaatgaaag 1080
gtggttaagat ttccattagc aaatgattaa atcttaatta aatgagtatt ggaaagctcc 1140
tagactgcat aagctattgg agacacttaa aacattcata tactactggg aaaccattca 1200
ctatgatatg taacgttaag aaaaaaaatt tttttgaact ccatggaaaa tgggtgttaa 1260
agaggggagg aggggaagtt agtcattgta tccagtccca ccacaagact gagaaagcat 1320
gcacagggct caggggtttg agaaagggga cagaattggt taaaattgaa aatggaggat 1380
catcgctaac atttagtctc tgtagaattt tgtttaagaa tactaccaaa aaggatcatga 1440
tcatgagtgc tatctcgata gaatcccatc atttaaacag agtgtaaatt ccttccactc 1500
aaatattcaa tctatacaat tggattaagt aatcagtatg aacaaagctc ctagaagtct 1560
gtgtcgatct ttagctctcc ccatgaatgt acatggtaca ttgtgatggc tgttactaaa 1620
ctaactgtgt atttatggaa ctagcaaaat taggttagtc acacaggcag gaaagggtgc 1680
tggaaggaca ggagcaacct gtaatgcgaa tattggtttt cttggtatac tcaggctctg 1740
tggtcattat tgagaacaac ggatggagaa aggtactgat agatttcata ggaaaaagag 1800
ccaggctgac tagtgacagt ttttacatat ttttccatt aaatcccata gcaaaaaaaaa 1860
aa

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<210> 8793
<211> 2297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1727)...(2297)
<223> similar to gi200545 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8793
ttttttgaag ggcatactt tattccaaag ttgatcatta gtgaggggga tttttacagt 60
cttctttccc tcctccctca gctgcctcct ggtagagat gctaacaaga attacgatgg 120
tcctaagata ctggaggaag taaaaaagtt gaaggcccta catatttttag ttcacgtttg 180
gcattttcttg gtcttttacc tatgtaaggc aaggagaaaa agacatgaaa tttaaattac 240
agataaacac aagtgtatta gtccattttc aactgtctat caagaattgc ccaagactgg 300
ataatttata aaggaaagag gtttaattga ctactgttc cacatggctg gggaggcctc 360
aggaaactta caatcatggc agacagtgaa gaggaaccaa ggcattctca caagggtggc 420
ggaaggagaa tgaacacagg aggaactatc aaacttataa aatcatcaga tctcgtgaga 480
actatcacia gaacagcatg ggggaaccgc cccaagatc caattacctc cacctgatct 540

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ctcccttgat	gtggggatta	tagggattac	aattcaagat	gatatttttag	gtgggggcac	600
agctaaacca	tatcctacaa	ggaatgactg	aaactaaaga	tactaatttc	ctttcccttg	660
gttggccagg	ctgtcgtctt	cattactgac	taatagagac	caagcagggt	ggtttaatcc	720
cattgccctc	tagtgctttc	caatgttggc	caaaatgttg	cctccatttt	aaacattcct	780
cctggggaag	aatgtctttc	tatcatacga	taagggagaa	gagaagagga	agcaagagaa	840
aagtttaaag	tgttgtagag	aagtttccaa	ccacaggagg	agcaaaacac	caaagaagtt	900
gtagaataca	gggtgtggtg	aagagttgga	gccccaggcc	gtgctgtctg	agaaggcatg	960
ccaagccaag	gttcaggctt	cctaggacca	tgtcctgccc	ggagaagcat	tccagtcctt	1020
ctcatcatgg	agaaatggcc	aagccccatg	tggttacagg	gaagccacgt	acccacaccc	1080
atctttgcag	aaggtttcca	gggaagagac	aggccaactg	aatgacctcc	agcccatcct	1140
tggccagagc	cccaggccga	ggagagctgg	gcgagtccat	gatgtctgat	cagattgggg	1200
ctggggttca	ggtcttaaac	atcaggaagc	cccaaagtgc	agtgcccgac	aggcttctct	1260
ttgttattga	tccctggggt	aactcaaacc	atactcgctc	acccttctgc	agctcagcca	1320
tggcaaagac	cgttgctgtg	cttccactcc	cctgcccggt	ggtacagact	ggagtccgat	1380
ggtgacctcc	aaacaccagc	tgcccggtgc	ctggccctgg	gccaaattca	acgctcactg	1440
caaacaggta	gacaccacgc	tcaggggctc	ggaagtagcc	atgttcaggg	aagtagctgc	1500
tgccaatgtt	gatgtatgtg	gtgttgaact	tcactgtctg	cagggcagcc	gtcccttctg	1560
aaaagctggc	atagaaggcc	acaggggatc	ctgcctccca	gagcgccgcg	cccaaggcac	1620
ctggcacagg	ccctgtgacc	cgtatgtcca	ccaaaggctc	cgcttctctc	ttgtccctct	1680
tccggggagc	ttccagggtc	ttctgctgct	tcttcccttt	cctgctcagc	atggtctgca	1740
gcttccccag	gtccagggtg	acgttggctt	ccatgagccc	ttggaagtgc	ccaaagaggc	1800
tgtggaagag	ccgctggtgc	tgtccaagc	tgcgctgagt	ggcgaagagt	gcgttgtgga	1860
aggccgtgaa	gggaggcggt	gagggaggcg	gccccggccc	cgccctcagc	ctcgagcac	1920
cgccccaca	ttcttgacgt	cgttgctcag	gctctggagc	tcccgcgcca	gccccggccg	1980
ggcgggtggt	gcggcctcct	cgcgccccgc	gtcgtggctg	ggctccagggt	gctctgccgg	2040
ccgcgggggc	tccgaggcct	gtccaggggc	cgtcactcgg	gcggccagct	cgtcccagcc	2100
gagcgctgc	tccgtgagcc	cgctagcggc	gtcctgcagg	gccacgcgga	tctgctcgta	2160
gctcaggggc	agcggctccg	gcgtctgctc	agacatctcc	tccagcacct	cctccccgaa	2220
gagcgcgcc	agcaccgcct	cggtgccgca	gcgcgtcctc	cagcagggcg	gcgaaggcgc	2280
tgagcagctg	gcgcacc					2297

<210> 8794

<211> 2046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1751)...(2046)

<223> similar to gi5802174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8794

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gatggctaca	aagagatctt	attttaaaag	cagctgatgg	tttggaatg	agagaactac	120
agtgggtgaag	agaccaggag	gcagctctca	gtgaaaccaa	cattgcggat	gcccttcgtg	180
agccttctca	gtcccagcag	gaagcccaca	acactggcct	ccccagcctg	cctgctgaca	240
acacctaggc	ttactttatc	taaaatcaga	gtgtaccagg	tctgtagcag	aaaataatca	300
actaaatgtc	agggacctat	gagtcattta	aaacaaaaga	gaaagtgaag	gccattaggc	360
aagctatgtg	ctgggctgct	aacgtagccc	ctgcagggag	gggtcaggag	cgcgctgcag	420

ttagccttgg	gtctcgcagg	cccagccctg	ctgcaaggag	ccagggcacc	caggaaacat	480
cagcacacac	acacacaggg	accctccctt	catgtcactt	gttttgctgc	cctaaatggc	540
ttcttgcacc	ctaacccttg	atcctggaag	aaggcagaga	aactggcccg	tacagagacc	600
tgcaattcta	cgcaagctta	acacaactat	gagacagaag	aggggcacgc	agaagaggtg	660
ggcaaaagtg	gtcacaacgg	cgggggatgc	tttgaatact	ggatggtgtc	cagagccgct	720
tcgatgtcat	aattctttgt	ctgcaggagc	ctggtgagcc	agccgccttc	atcagagaag	780
cccatggaca	gcatctggga	gagggactca	atcagccgcg	ggtcagcctc	tggcgggaga	840
tgtgggtaca	aggcagcttc	cttcagccct	gtgggtccct	cctgggaggg	gtccagagag	900
cttggccctt	cggattcttg	catctgtagg	gactggagtt	cacctgtaga	cgggtccact	960
tcttttgaag	acagatgggt	ccagtcatca	tctcctctcg	aacagttatc	cgactccatc	1020
tgttcctcag	ggcgcccttc	ggactccaag	gcgatcttec	tcatctgtct	cgccagagac	1080
tgcgtggcgc	cctcaacatt	cccacccggc	ttgctggggt	cagagcagca	gctgcttggc	1140
tgtgagctgc	tcttctcctc	tgtgctggaa	ctctctggag	agacgggggt	caggcggtt	1200
cttttccctc	cgtgctccac	atcgatatca	acttcaatgc	ccagagggct	aagggcagct	1260
gccacactct	ccccaacgtt	cttcaggaaa	ttcacactcg	gatcctccga	tggaccagaa	1320
gctgattctg	ccgtggggcc	agggcgggcc	tccctgcac	gaggaggacg	tgggtccag	1380
tttctggtg	gacccatttc	ccatcctggc	caccggaagt	gtcctgtgtt	caccttccgg	1440
agccagcggc	tgtgcgagaa	gccctcagac	aggtgcccg	aggggctggg	gaatgcgagc	1500
ttggtgtgcc	cccggtgcaa	gccctttccc	tgcgacgc	tacacaagtc	gtagtctggg	1560
cagacgctgc	acttgtagcg	ggttcctacc	acaggcccat	tgcagccatc	gcagatcaca	1620
ttggggtgca	ccatgttgcg	gggcgcctcc	tgagcacacg	gtgggcggtg	gtcccgcggg	1680
cactcttttt	tctctttaat	gtagattcgg	aagatgtcat	ccttcacgta	ggacatggcc	1740
attgtcaatt	cctcgtcact	ggaaaaggca	accaagtccc	cgtcctcatc	gcggtagtgc	1800
gcttggaagc	cgccaggccg	cagcgcgggg	aacagggcgg	ccaccgggct	cagcagccgc	1860
tcgcagggtc	ccggacccgc	cgcagcctcg	gcttcgcctc	caggctcggg	gctgcagcag	1920
aagtggaagc	ggcgaaatctc	gcgcgcgcgc	tctcctttgc	ccagaaggta	ggccttcacg	1980
gtgagcgacg	ccatagcgag	cggcgagctg	gcggaaaatg	ggccgtcccg	gtcgcagccg	2040
ccgcgc						2046

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<210> 8795
<211> 628
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (327)...(629)
<223> similar to gi5726236 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400>	8795						
agattttctg	gcacctcagt	ctggacaacg	ctgttcatgc	tttcccttcc	tcccttccat		60
gatcaccttg	tttcttttaa	cccctctttg	cccaaactaa	aatgctttct	tcactctgtg		120
gaattcagac	ccatcatttt	acttcgcatt	catatttcat	aatctacttt	cataacactt		180
tgctaaactgt	acttacatct	tctctgcagg	aggtgggaat	ttgaaaggga	aagtaactga		240
gcttttgcta	gacttagaaa	aacttctggg	tgtagtagag	atccttggtta	gacatgggga		300
caaaggcgag	catcccaaag	gactccccac	tagggtgtct	ttaaggcaat	tggagcaaat		360
tcaaatgaga	tggtctcaaag	aaaaagaaac	aattttcttg	agagaacaag	aaatttggcc		420
tgaaacttgt	tctttacatt	atcatactat	tttacaattg	gacttattca	gtaaaaagga		480
aggaaaatga	ggagaagttc	cttacgtaca	ggcttctatg	gccccctacc	aggattctga		540

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cttaagagtc aactgcagga tgtgtgtggc tcatgttact tacaggcacc aagaaaccgc 600
gtgggatatc ctcgatgctc ccttctctg 628

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<210> 8796
<211> 2949
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1531)...(2949)
<223> similar to gi930045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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00405528460

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<400> 8796
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ttgtaaacaa caaaaaatta tttctcacag ttctagaggt tgggaagtcc aagatcaagg 1020
tgccagcaga tccagtgtcc agggcgggct ctctgcttca gagatacggg gccttctcac 1080
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gataaactcc tttaatcttc acaacactgg gaaatatata tatatactta tcctcctttt 1380
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gccacctgc cgctcctgcc tgctcaatg caacggtctc aggtgggtcc gccaggatgg 2040
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```

SECRET

<211> 1318

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (818) \dots (154)$$

```
<223> similar to gi4580999 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

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ccctggtgac	tgtccagca	agcagtcagt	agaggtcccc	ggagttcagt	gggggctctgg	120
agatgtcggg	cttgtgaggg	aagggccact	ctccccctgt	aacctctggt	gggtgctagg	180
tggaagctgc	agcaaggggg	tcccaagtgc	agggcctctg	ggtgctacac	atctcacagc	240
cagggcggtc	tggggcattg	atgaaggtgc	aggaaggaca	ggaccagctg	ggctggagtg	300
gactgggcag	gctggaggca	gctggctggg	ggcctggggg	tagccccaat	gatgggggaa	360
acaagcgtcc	aagttccccg	tccatcttct	gggggtgctg	agggctaggt	cctgtggctg	420
gggcttctcg	aggagctgac	agcaagtaga	ggaaagcagg	gtccccatcc	tgccgaacct	480
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gacgcggcct	tttcgcccc	ggggctcggc	ggacgtagat	gcattccagcg	tctgcattatc	1260
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<210> 8798
 <211> 1598
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1128)...(1600)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8798

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tctacgcaag	aacaactgaa	agtacttaac	agagaactag	acaaatccac	aaatacagct	180
gtatgcttca	atgtccccct	ttctcaacaa	tttatacaac	aaccagatag	aaaatcagca	240
agaatacaga	agaacccaac	aacacgatca	accagcggga	cttaaattgg	caatttttaga	300
acacccaacc	acaccagaat	acacattggt	atgggatgca	ttgtgcccag	cccccccaaa	360
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aaggattcag	agaaagctgg	atcactcata	cattgctggg	ggggatgtaa	aagattacag	540
cccactctgg	agaatatctg	tataatTTTT	acttttaaaa	ctctatgtgc	aactaccata	600
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aaacccatgt	acttcaagtt	tatagcagcc	ttgtttttta	tagccaaaac	tggggaaaca	720
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tgtcaatctc	ctggtactgt	ggcatttgca	atatttgcaa	attttattta	tttattcatt	1140
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<210> 8799
 <211> 2715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (699)...(2564)
 <223> similar to gi2317964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8799

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cggagggcat	gcagggagaa	caccaccagg	actggctgcc	tgggcccagc	ccacttcccg	780
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09480735.04100

<210> 8800
 <211> 1669
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (746)...(1665)
 <223> similar to gi386433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 cttccttggt gatctctttc caccaaccgg agttcctcag tgtccagcct ggaggcagcg 1620
 tcaggctggg aaagctgata cccccacagg agcagcttcc ggtagctct 1669

<210> 8801
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(997)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (604)...(996)
 <223> similar to gil9390 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8801
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 ccacatagaa ccgcccacat aggaccgccc acatgggaac gccacatgg gaccgcccac 180
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<210> 8802
 <211> 1349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (96)...(1349)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8802
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 ctgggagagg tcctggtcac agtcggagtc agagtcccag gaggggagtg gagggtcag 180
 gcactggtgc cccttgtggc ctcttaggct cgaggccttg ggacaggccc ccgagcacia 240
 agtgaggctg tctatggagt tctgcagcac gtgcacagca gaccatatat cactcagttc 300

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ctgcgttttc	tgcattttct	gaatgttcac	caagttctct	gagatctcat	cctcctgcgc	480
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ccgctgcatc	tcctcactgt	cacgcagggt	cttctccagc	ccctgaaggc	cttgggtcag	660
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ctggcggcct	gtggggctca	gcacctcttc	aagctgctga	atcttgattt	gctgcaagca	780
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ctgtaactgg	ctcttgagtg	actcaagtcc	acatcgagc	agcttctggg	agtcgggaat	900
catcacaatg	gtcttggtct	tgactttgga	agagctgggc	tccaagggtc	tcagattcag	960
cccatttggc	cccgaagcct	ctgttctcgg	aatccgggtg	ctgcggattg	aggccccggg	1020
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aacctctgca	tcttggtctt	acagcatgct	tgggctcagc	tcacattctg	ggaggccagc	1320
cagggtacgtg	ggtttgagtg	ccacacgaa				1349

<210> 8803
 <211> 1438
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (760)...(1438)
 <223> similar to gi9447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8803						
tttttttttt	ttccttgtcc	agtgtgtgtt	attgagtcca	tcattcagagg	caggaaagac	60
gccactcatc	acagagggca	tgtgggctgc	gggcaggggc	ttagggctct	gcagaggaca	120
agtagctggg	acagcccttc	accccgcacc	cccatggcct	ctgtgaggca	ggctgaggag	180
acaggacagg	gaatggccag	gtgcagaatc	tgacacagcc	cctgcccggg	cgcagatggc	240
caccacccag	caggccccctg	gcactcacc	acaggcagtt	ccccacccca	cttccccctt	300
ggaccctccc	aaatcagggg	cggggagtga	gacccagacc	tggccccgat	ggcaggaggc	360
accctagctg	cttcaggggc	caggaggggt	gggtgggata	cagtgaggcc	aaacaaggca	420
gaagcgggtg	cagtagtccc	tggctactgc	ccagcttccg	ggactcccac	agctgggctc	480
agccttggtc	ctggcagtg	tgggctcaga	aatacagggc	tggctcgctg	cgggaagtccg	540
agaggtcatt	ctgactggcg	ggtgtgagca	tggcctccac	gggcgggggc	tctgcctccc	600
tcggggcctg	ctccagcgcc	tgctcctgcc	acttgctgaa	ggccacagag	tgcttcgggg	660
tgtagctgga	caggcctgag	ctaccctctg	gcagccgaga	gctctcgggt	ctcacgctgc	720
tcacaaacgt	ggccccgggg	aggaagagtg	caaagggtct	ctcctctgag	cggatccct	780
cttcctcctc	ttcctcttcc	tctcctcct	cctcctcctc	ctcctgggtg	tccacctctt	840
cctcctgctc	tagggagctc	tcggaagggt	actcaaagt	ggtctgcagg	cttttgctgt	900
tgaaggagat	cttcatcttc	tttcttgagg	agccagcctt	ggtgaggcag	gacttctgca	960
gggccaggta	gccgccaatc	acctcgatct	catgcacggg	ggggtagcgc	tttttcaacg	1020
tgggccccag	gaggcaacta	gcctcctcct	cctcggcctc	ccgtggccaa	ggctccctgt	1080
tggcctgact	gaagtgtctg	tctgcagag	tccctggcct	cctcttgggc	accactgtga	1140

aggtgttgct	gccccggggc	tgaagctctg	ccacgcaccc	gggcctggca	gggtgcagag	1200
gcctggcagg	gtgcgggagg	tagggtagtt	tggctgcttg	gggggcctcc	tccgagtcta	1260
cctcatcgat	gaaggtgaca	ggcagccccg	gcctcacata	ttcccggcta	ttcttggcca	1320
agccaggaac	cctgaggccc	tcagcaggct	cagcttcttc	cgaagcagcc	ggcaggaagg	1380
ggggcggtga	ggacggcctc	ctcgtcccaa	gctagggcgta	atgatgggtca	cagatggt	1438

<210> 8804
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (371)...(811)
 <223> similar to gi3980113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8804						
tttttttttt	ttcagaatcc	aaaaggactt	tattttcttg	caactgggagg	cgccctgagg	60
ccacagcctt	ttcccagggc	tgtctggcagg	gtcccagggc	tgctggcagg	gtcccagggc	120
tgctggcagg	ggttgtggtc	ctggtgagca	gaggagcgac	gccgctgccc	tggccccgc	180
tgctccctatg	atcctgcaact	ctgggggtggg	agctacatat	catccttggg	caccaggcag	240
tagaagtctg	tgcgggcaact	gtagtttctgc	gagccgagat	ccgagacgtc	cacttcgctg	300
ctccggctct	ctcccagcga	gaccccaactg	gtgtgcgggtg	gagctgatgg	ctctccaaaa	360
acaggcccc	ggacacccag	gtcgccctca	gggtccgggt	ccacctctga	gtccagggcc	420
cggccctcag	ggactcggcc	tgaagaatc	agcatgggggt	ccttgctcgtc	ctgcagctgc	480
gtctgggggt	ctccttccac	cggcctgtac	cgcaccttcc	gcggcagcgc	cagctgcaact	540
tctttccaaa	aatcggagga	aggagtcacg	gagccggggc	tccagagcag	caaggtcacc	600
aggtggcggt	gctggcgag	caggcgaggc	gccgggtgcg	cggggctcgcg	cctctggccc	660
tcgaaggtga	tgaagatggg	tctgcgggtg	agctccagca	gccggcacag	gcctccctg	720
cggggcgggg	ccgtcagggg	gggtgggtgct	acgttggggc	ccaccaaac	ccgcgcggga	780
cccaccggaa	gctgtggctg	caccaggccc	ggctcaggaa	ggcgtccgaa	agcaccacga	840
tgaggcgtcg	g					851

<210> 8805
 <211> 1058
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1051)...(1058)
 <223> similar to gi453373 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<213> Homo sapiens

<220>

<221> misc feature

<222> (2626)...(2855)

<223> similar to gi288145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8807

cccaaagcgg	gacaggtcca	gcggttggtc	tgtgtgaagt	cgcgcggtt	ccaccacgc	60
agtgttctaa	gtgaaggcca	gaaactcgct	cgccatgtcg	gctgcagagg	cggggggtgt	120
tttccacaga	gccaggggca	ggaccctggc	cgcgtttccc	gcagaaaagg	aaagcgaatg	180
gaaaggccca	ttctacttca	tcttgggcgc	agaccacag	tttgggctga	tcaaggcctg	240
gtccactggg	gactgtgaca	atggcgggtga	cgaatgggaa	caggagatcc	gtctaactga	300
gcaagccgtc	caggccatca	acaagctgaa	ccccaaaccc	aaattcttcg	ttctgtgcgg	360
cgacctcatc	cacgccatgc	cagggaagcc	gtggcggacg	gagcagacgg	aggacctgaa	420
gcgagtgcct	agggcagtg	acagggccat	ccactgggtc	cttgtcagcg	gcaaccatga	480
cattggcaac	acccccacgg	ccgagaccgt	cgaggagttc	tgccggactt	ggggagatga	540
ctacttcage	ttctgggtcg	ggggcgctct	gttccctggc	ctcaactccc	agttctacga	600
gaacccctcc	aatgccccca	gcctgaagca	ggctcaggac	cagtggctgg	acgagcagct	660
gagcatcgcg	aggcagcggc	actgccagca	tgccatcgtc	ttccagcaca	tcccgcgtgt	720
cctggagagc	atcgacgagg	acgacgacta	ctacttcaac	ctcagcaagt	ccactcggaa	780
gaagttggca	gacaagttca	tccacgcagg	tgtcagagtc	gtgttctcag	gccactacca	840
caggaatgcc	gggggtacct	accagaacct	cgacatgggtg	gtgtcatctg	ccattggatg	900
ccagctgggc	agagaccccc	acgggctccg	agtcgtgggtg	gtcaccgcgg	agaaaattgt	960
tcaccgatac	tacagtctag	atgagctgag	tgagaaagga	atagaagacg	atctcatgga	1020
tttgatcaag	aaaaaatgac	gtcccttccc	gttcccgttc	acttttctact	tgcaactattt	1080
ttttattttg	ccagaaacag	cagctgcaca	caacctcttg	ctgaaatata	aaaatagccc	1140
aggcagggtt	gtgaatttat	gtccttttgc	ataaatcaga	gagctggggc	cctgtcctga	1200
attatatcca	aatagaaact	gcatttccct	taaaatggag	cgaatgatcc	tggaaatcag	1260
tttttaaaat	attagactat	ctctgcatgg	atgtttgaat	aaattctcct	aatgctgtgt	1320
ttctcaactc	cacttttgaa	ttggattgta	ttctgggttag	catatgggtca	aagtctgcct	1380
atcgacctca	attccaatct	gacagccaag	tatgatcttt	gataattcct	taaacaaact	1440
acacctgatt	gtattaaatt	gtggtcacga	ttcccaaaac	gctaggcaaa	acaaagtcca	1500
tctcctttcc	tttccagcgg	aacgaacagc	tgtctgcctt	gttgtgagag	ccatgcagac	1560
ttattttgac	aaggagccaa	gtaggcacca	tttactgttc	aattctgaga	cttctgatga	1620
taggaacaga	atgcagttga	tacagctcgg	agcttaaat	tgcccttctg	ggtgcctaga	1680
aaagtcacct	ttgcacataa	attggccatt	tctgaaaatc	tctccaaga	gactgaaacc	1740
aaagctctaa	aacgccgctt	cttcagcttc	tggggagcac	gttgagttgg	ttcacatcca	1800
cattctgggt	gtgtagccac	tccacagatg	ggtgggtctct	tgggatcaga	atgcccctcc	1860
actcatgaga	ctcttcattt	tgtccacttt	gacaggaaaa	gtgggaatgt	atgcagagct	1920
ctcaaaagaa	acaaaaaagg	ccaaaacggt	gccttcagcc	acatcctctg	aattggccct	1980
gacttggact	aatgcacta	atgcaaaatc	ccttgacaaa	agcgcatagg	ttatttcaaa	2040
ccagcattgt	tttttatgta	acctgtttta	cgcactcttc	tcagcagctt	ctgaccaactg	2100
ctcaattttc	tcttttacag	ccattgttct	ggtggacaaa	taacctaggt	actccaaatc	2160
ctggcaggaa	aatatacag	cattatgaaa	cagcactcag	taatcctaaa	atgatttcca	2220
aagctgggta	cacatgacct	gcaaagtcta	ttaaattaaa	agactttctc	attacagagt	2280
ttagtcaacg	tagcaaaacc	atgggaaatt	aatggaaaag	ataattaaat	atgtaaattc	2340
ataaggaaca	aaagacgaga	agttaattat	acaataggct	ggtgacacca	gagttcattg	2400
ttatgtgcc	caagaaaatt	aaatttttta	aaaaactaga	acgctcttct	tttagtggtt	2460
tgctgaaatc	ctgttttgta	tttgtttctt	tacaacaggt	gtaggtatag	gaggtcaaga	2520
aaaggagttc	ggtaaagggc	atagctaata	acaaccacac	attggggccag	gcgcagtggc	2580
ttacgcctgt	aatcccagca	ctttgggagg	ctgagacggg	cagatcacct	gagatcagga	2640
gtttgagaac	agcctggcca	acatggtgaa	actccatctc	tactaaaaat	acaaaaatta	2700

```

gccaggcatg ctggtgcaca cctgtaatcc cagctactcg ggaggctgag gcaggagatc 2760
gctggaactc aggaggcaga ggttgacgtg agccaagatc atgccactgc actccagcct 2820
gggcaacaga gcaagactct gtctcaaaaa aaaaa 2855

```

```

<210> 8808
<211> 1014
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (243)...(960)
<223> similar to gi3044086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8808
tgccacggag atcacgtcca gcgggttccg cctgggctgg ccacccctgc tgaccgcaga 60
ctcgggctac tatgtgctgg agctggtgcc cagcgcccag ccgggggctg caagacgcca 120
gcagctgcca gggaacgcca cggactggat ctgggcccgc ctcgaccggg acacggacta 180
cgacgtggcg ctagtgcctg agtccaacgt ggggctacgc ctggcggtta ccccgagct 240
agccccggcc ccatccccgc ccagagccgg gcgttcgtgt ggggtccgtg gtgataattg 300
agagcgtcag acccaggact gttcaggagg gagccccggt cagactcca cgtgtgaaga 360
ccgggccccca agtggaagg gctggcctgg ggccgggcagc ttgggtcctg gacgttgata 420
ggaagcggaa ggggaatcgc ggggaagctgg ccaggtcag gtccgcaaag gcttctgaag 480
aagaggaagg gcgagtaggg gcacctggac gctgatggtg gccaggatgc tcagctggcc 540
aggagggcag cacctgctgg ggacgggtggc cctgccttca tgcccaggac accagctggg 600
tccagctagc agccactggg aatcagagga atggggcaga gctgggcatt caggaccttg 660
aggacacgtg accccacccg cccaccgcca ctatcaggcc ccgggaccgc actgacagga 720
aaccttccgt cgtgagggag cacttcccag gggccgcagg gacgacactc tccaggagg 780
ccccagcaac cacaccatct tcttgctgtg agaggtctca ccccgggcta cctcctgtca 840
ctactcactg ccttggggtc cgtgggcaag ttgccagggg tgggggtgcc tagccagggtg 900
cagtccccgc cccgcctagt cctcggcgtc acgcaatgct cacctcgct cttccccact 960
aacatcccag actttaaaat tcagtaaate agatgtacac cgagaaaaaa aaaa 1014

```

```

<210> 8809
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(436)
<223> similar to gi433707 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 8809
caatgatgtc cttgggtccct gtggtggaat tcgtctcatc cagcggctgc ggaactgggc      60
gtccgggggtg cgcgggggcg acaggggctgc accatggggg gcttcgggct ccgtgtgtcc      120
gggacccgct cctgtctctc acctccctcc taagccggga cccttcgctc tccccgaatc      180
tccctgggaa cccccagcta gtcacccctt cagcccgga ccctctcctg gcctgggaac      240
cactcaggcc tgggatttcc ccagtccccg accttcttag ccttggatct gtgggcccgg      300
actctggctt tgctcttcac ctgcaggacc cacatccggt tccccgagtg ttcaccccct      360
gccttccctt aaaatgcgca tccccggacc atccctggtc ccttgccctc tcctttcctc      420
tctcctgggg tgccttgc

```

```

<210> 8810
<211> 1266
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (485)...(1202)
<223> similar to gi3044086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8810
tctcccaaga gtcaaagtag gtaatggagg aagaaggatc tgaagacgca gggaagtgcc      60
caggcccccg cagggaggat gaaagcagcg gtgcctgcc aagccagaga gcaggctcca      120
actctcgtgc tcgtcagcag ccgcactgct gcctgctttg tcattttatg cttatgtaaa      180
aaaatacttt ttgcaagaaa aatctacagg tacaaaatgt catcccagcc ccatacagta      240
ccaagtaata tataggcata tatatatata tatatattta tgtatttata acagaaaatt      300
ggatagaaat tattccaggc atatgggatg tggttccccct gggccagaac cacgtagggc      360
agaggagccc tgccctccaa gtgtgcatgc ccaccaaagg gacaggggct ttcaggagtc      420
acaccagatc acgcttgga cttttttaga gcctggctga gccacccttt ccagagttcc      480
agtgagcagg gggccccctca gtgcatcttc cccacctccc ctgcttccag ggacgctggg      540
ctgcagactt cgcagctgct gccacatggg gttggagcct ccaacagcat catccctgag      600
tagacctggt ccactgagtc ccacaggtcg gctctctgca gcctttccct gcaggtcacc      660
acctctaca ggcaatggca aggacgcgac atcacaggta gacagccac atcctctcat      720
ccttccgggt tcctggactg gagttgtccc ggtgccctgg agaccagtc actgccacct      780
ctccccctgcc tggactcagc aggggaaaga ctggaggccc tgctcctgcc ctttggctct      840
gccagcacc ccgaccagcc ctatatctcc tcctccacct tcaagatcat ccctgagaag      900
acctcgagcc ccgagtgggt gcccttgggg ctgtcctggg agcctccagc agggcccctgg      960
gccactccac tggcaggact accgtcctgg agtgagggtg aggccttccc ggtagggcgt      1020
gcttccacca gcctctcgag ggtccgggtg agggcctcca cgccatcggc cagacgctgg      1080
ctctgctcgg ccagccgctg cagcagcagg ttttgctggg ccatgagtgt gctctgctgc      1140
tgggcccagg aggacagcag ggcgcctgct tgccgggtgg agtccagcag ctgctgctca      1200
aatacggaag tttcagatgc tgccgctggg gtccctcctga gggcaaggga ggtgctgaat      1260
tccggc

```

<210> 8811
 <211> 1554
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (706)...(0)
 <223> similar to gill185397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8811
 ttgaggtggc gcggcgctaa gatggcgggc gcggcgggcg cgcccggtggc gggggtgggg 60
 cgcggtggcg gtggcgcgga gccacggcag gagcgagacc gggcccggtg ctgggcccggc 120
 gtcgaacgca gcgaaggccg gaggatggaa ccaggtgagg agctggaaga ggagggctct 180
 ccaggtggcc gtgagatggc ttcaccgccg agcacctggc tgcagaggcc atggcagctg 240
 acatggaccc ctggctagtg tttgatgccc gcacaacgcc tgccactgag ctggatgcct 300
 ggctggccaa gtacccacca tcccaagtta cccgctatgg ggaccccggg tcacccaact 360
 cagagcctgt gggctggatt gcagtgtatg ggcagggcta cagccccaac tccggggacg 420
 tgcagggcct gcaggcagcc tgggaagctc tgcagaccag tgggcggccc atcacaccgg 480
 gtaccctgcg ccagctcgcc atcacccacc acgtgctctc gggcaagtgg cttatgcatc 540
 tggcaccggg cttcaagctg gaccacgcct gggctggcat tgcccggggc gtggttgaag 600
 gccggcttca ggtggccaag gtgagccac gtgccaagga ggggtggcgc caggtcatct 660
 gtgtttacac ggacgacttc acggaccgct tgggtgtact ggaggcggat tcagccatcc 720
 gtgcagcggg cattaagtgc ctgctcacct acaagcctga tgtctacacc tacctgggca 780
 tctaccgggc caatcgctgg cacctctgcc ccactctcta tgagagccgt ttccagcttg 840
 ggggtagtgc cagtggctcc cgagtgtttg accgtgccaa caacgtggaa ctgacctaga 900
 ggggccaat tggggagact gccactccc ccctccatgc tggggttgga tcctcctgtc 960
 ttctccttg tcccatgaag gccacacccc ccagctctgg ggactcctag gtcaacttggg 1020
 aactacctgc atcttcagtc cccttgaact tctgccctct gttcagggct gacacaagcc 1080
 ccacaggtcg gggggctccg gttccctgag ggatgagcct tcagcctccc tttgtaatgc 1140
 tgctcctctc cactgcccag caccatgagt tgggtgcaga cacctagaag gagagacttc 1200
 ttggaacgct catccccgc tatacctccc ctctcctctg catctcccct tctttccttc 1260
 cccctcagga gagagaaaac ttagtgcttc cagcccttct tggagccttc atggtccagg 1320
 ggtagggggc ccactggcct gagcatgcca ttttgagggg agggtagttg tgcctactta 1380
 tcccctggca gaggggatgc caggaccatg gacatgaggc ttgcccatcc ctgccaactt 1440
 acacagcctg taccactgtc cccccttctt tggctacttt gacatgtgcc tgctcctggc 1500
 atttcaataa aaccgggctt ggtctgtgt cttgagtgtt ttttaaaaaa aaaa 1554

<210> 8812
 <211> 887
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (513)...(889)
 <223> similar to gil003016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8812
cgtccgatat cttaaaacttt ttgagtgcc aacctgtctac acaagtggaa aattccacac    60
ctgacctcat gtgacagggc atagtcaaag cacaggtgca cgacacagtt gatttagcgt    120
ccccaaggga aaaaaaagac ccaccagcc cccttcaact atagtataac ttttccacgc    180
acacccaaat tccccacac aagcacgccc acaatgtgta ataaaatggc acgtgtgcag    240
gctggacgca cccaacgcat attccccacg atacctcacg tggggccgag aactccatgc    300
attactcact gtgggttttt gcttattctc tgcagtgtca tgtaaaaata ttactgaaaa    360
tgtcgaaaag gcctgcagat cccctatgt gtaacagtga tcagaaaaag aggaataatt    420
tatgtttatc aatagcacia acagtcaact tgttgaggga actgaacagc agtataagt    480
tgaagcgtct tacagaagag tatggtgttg ggatgaccac catacatgac ctgaagaaac    540
agaaggatac gcttttgaag ttctatgctg aatgtgatga gcagaagtta atgaaaaata    600
gaaaaactct acgtaaagct aaaaatgaag atgtgaatag tgtattgaaa aactagatct    660
gaaggcatca cactgaaccc gtgccactca gtggtaggct gatcatgaaa caagcgaaga    720
tctatcctga tgaactgaaa attgaaggga actgtgaata ttcaacaggc tgggtgcaga    780
aatttaagaa atgacatgga attcaagttt taaagcatct gcagatcaca aggcagcgtc    840
gaaactcatt gacgagtttg ccaagattat cgctaataaa aatctga    887

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```

<210> 8813
<211> 603
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (204)...(2)
<223> similar to gi2104911 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8813
agctggggag aggtagaggg tggcataaga acaggaatga gaataagagt aaatataaaa    60
gtaaagaata ggacttcac atagggtgaa tattggagga taccttgtca ctgaagatct    120
tctgtccact tcaagagaga cttaagggtg gcaatttgag gtaaaaccag gagccactaa    180
ataccaagag cctgagaaac tgcttgggta atatgactag taaaggcccg tccgttaatg    240
ggactgtata gaggtgggaa ggctaaactg aagaattatg tctgacagaa gggaagaaat    300
gactgtgggt gccttctcag accctgtggg aaagggtctc acccatctag tgaaagtgtc    360
taccctgacc aagtgggtatt ttggtttcc tactccgggc atgtgggtaa agtcaatttg    420
ccagtcctgg gcgggggaaa atccctgagc ttgatgtgta gggaagggtg ggggtggggg    480
ggttgctcct aacaatccct gtggggtagt ggaatagctc ttggaacaca tagaagtgat    540
tttacttgag gataaatttc tctattgaat ggtaatgaga ggggtctaata gactggtcta    600
tgg    603

```

<210> 8814

<211> 1798
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (299)...(1798)
 <223> similar to gi5726236 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8814
 ttagcagcaa gtgctgtttc ctggggcagg ggcaagtacc cctcaacccc ttctccttca 60
 cccttagcgg caagtccgcg tttcctaggg ggcaagaacc cccaatcgc ttatttccgc 120
 cgcaccccaa cctcttatct ctgtgcccc atcacttatt tctgcaccct gacctttat 180
 ctctgtgccc caatccctta tttccctgcc ccaacccctt ctctgctttc ctggagggca 240
 agaaccctcc gccccttctc cctgtctcta ctcttttctc tgggcttgct ccttcactat 300
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<210> 8815
 <211> 767
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (338)...(769)

<223> similar to gi2707217 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8815

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agtttcagta	cctttgtctt	tttccaggta	aaactcttta	gcctcttatc	aaacatgtta	180
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gtctgatttg	cattttattt	tcttttgtat	tttaaggata	tggaatatta	tcttgtaaaa	420
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aaagcaataa	ctccaaaaga	caataacaaa	actttgaaac	ctgccattgc	tgagtacatt	600
gtgaagaagg	ctaaacaaag	gatagctctg	cagagatggc	aagatgaact	caacagaaga	660
aagaatcata	aaggaatgat	atttgttgaa	aatactgttg	atttagaagg	gcccaccttc	720
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<210> 8816

<211> 448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(428)

<223> similar to gi687815 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gtcaagagag	atatttccat	catgtattac	tggttgccag	tgaaggatt	aagaggtatg	180
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tacttgcact	gatatatgcc	cataaaatga	gtcctaattc	agatagagaa	gctattctgg	360
aatcagatgc	cagagtgaag	gaacaacgta	aaggagctgg	agagaaagcc	ttataccatg	420
caggcttatt	tttatggcac	attggtcg				448

<210> 8817

<211> 499

<212> DNA

<213> Homo sapiens

Abstract The purpose of this study was to determine the effect of a 12-week training program on the physical fitness of 100 male and 100 female students. The program consisted of three sessions per week, each lasting 45 minutes. The sessions included cardiovascular exercise, strength training, and flexibility exercises. The results showed that the students who participated in the program showed significant improvements in their physical fitness levels compared to the control group. The improvements were measured using a variety of tests, including the 1-mile run, the 1.5-mile run, the 500-yard swim, the 100-yard swim, the 50-yard swim, the 25-yard swim, the 10-yard swim, the 5-yard swim, the 2.5-yard swim, the 1.25-yard swim, the 0.625-yard swim, the 0.3125-yard swim, the 0.15625-yard swim, the 0.078125-yard swim, the 0.0390625-yard swim, the 0.01953125-yard swim, the 0.009765625-yard swim, the 0.0048828125-yard swim, the 0.00244140625-yard swim, the 0.001220703125-yard swim, the 0.0006103515625-yard swim, the 0.00030517578125-yard swim, the 0.000152587890625-yard swim, the 0.0000762939453125-yard swim, the 0.00003814697265625-yard swim, the 0.000019073486328125-yard swim, the 0.0000095367431640625-yard swim, the 0.00000476837158203125-yard swim, the 0.000002384185791015625-yard swim, the 0.0000011920928955078125-yard swim, the 0.00000059604644775390625-yard swim, the 0.000000298023223876953125-yard swim, the 0.0000001490116119384765625-yard swim, the 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<211> 560
<212> DNA
<213> Homo sapiens
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ccg gatcccc	tacctgtgcc	gtctgcccc	ggacctggcc	tccacttccc	gggcccgga		420
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<210> 8819
 <211> 2545
 <212> DNA
 <213> Homo sapiens

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 <222> (458)...(2547)
 <223> similar to gi537432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8819

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cttctttgag	gaaacagcat	gacttagtgc	aaaagattct	ctgcagcaag	aatgaggcc	300
cacgcaggga	agctcccgcc	tacctgccc	ggcggtggac	gcagcccgcc	ctcatcagag	360
gtcatccaca	gaagctgccg	ataaattaga	gagcacggtt	tacggccaga	gattttttgc	420
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cagagtgtgg	ggaccatgga	tttgaggtga	cactagggtt	gtcagtacca	cacctgtgt	600
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<210> 8820
 <211> 553
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (78)...(553)
 <223> similar to gi705389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 8821
 <211> 824
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = a,t,c or g

 <220>
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 <222> (382)...(803)
 <223> similar to gi4938277 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 8822

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (786)...(33)

<223> similar to gi2792016 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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 <211> 938
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (143)...(910)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8823
 tttttttttt ttgatttcag ggcagcctct tcctagtgtc agactgaggg agaatacaatt 60
 ttgggggaga ccacatctaa tggataaaag agccacagga ttacaaaagg gtggaatagt 120
 tgttacaaga aggtcacatc atcctggcac tgctcccaga accagtgggc ctccaagccc 180
 agcttggcac tctcatcctc tgggtgactca ggtggtccac ctgaagcct cccccctggg 240
 ggcttccaca cagctctcaa gctccctagc ctggtggctg ccacatccac ctcagtcctg 300
 gccctctctc caccagctat aacttttgcc cagtccatct cggaacgtgg agccccaggt 360
 gggccctggt catccagctc gctggggggc actgtgtcca ggaagctgcc aatagagaca 420
 ctgtccagcc ggtcgggtgt gctgggtgtc ggcaggctgt cccagctgcc tcgccttgag 480
 cggcctgggc tccgcctgt caggctatat tgactgctgg tgaggctgct gcaatgactg 540
 gtcaacgtcc cccgctcctc caacagccag cgactgcct cgatgccctc attcaaggctc 600
 accagctgct gcaggatctt cacatcgatg gctcgcagg aagccagctc catcttcagc 660
 gccatgatct tgtcccccaa gtcgtggccg gtgctagacg cccctgggag cagcaggggc 720
 ccagagggtc ccagctcaca ctgcctcgc agcccgcgga gcagcccttc aggggtcttc 780
 ctgcccacct taccctccac atcccgagg tcaggcgtct gggactccac ggtcccctcc 840
 atgcggggcc aagcctgaaa agggctgggc gaccggacgc cggggaccgg ctcccggggg 900
 aattccacca ctctggaata gtgaatcgaa attcaaaa 938

<210> 8824
 <211> 804
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (742)...(306)
 <223> similar to gi487734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8824
 ggaggcagga ggatgaagag gggggaggtg actccctgga agttgatggg gtggctgcaa 60

ctccagggaa	agcagaggcc	accagggtcc	tcccaaggca	gtgcccgggtg	caggctgaga	120
aaagtcatgg	ggctcccctg	gaggaggcca	cggagaagat	ggtatctatg	aagccaccag	180
gtttccaggc	atccctggct	agagacgggc	acatgtcagg	cctgggcaag	gctgaggcag	240
cccctccagg	ccctggcgtg	ccaccccacc	ctccaggcac	caagtccgca	gcatcccacc	300
aaagtagtat	gaccagcctg	gagggaaagcg	gcatctctga	gcgccttcca	cagaagcctt	360
tgcaccgagg	cgggtggccc	cacctggagg	agacctggat	ggcgtcccca	gagacagaca	420
gtggctttgt	gggctcagaa	acaagcagag	tttcaccctt	caccagact	ccagagcacc	480
ggctctccca	catcagcaca	gcaggaacat	tagcccagcc	ctttgctgca	tctgtgcccc	540
gggatggagc	ttcctacccc	aaggccaggg	gttctctgat	tcccagaaga	gccacagagc	600
ccagcacacc	ccggagccaa	gcacagaggt	acctctccag	cccaagtggg	cctctccggc	660
agaggggcacc	caacttcagc	ctggagcgga	cactggcagc	cgagatggcg	gttctctggct	720
cagagtttga	gggggcacaaa	cggattttctg	aacagcccct	tcccaacaag	acaataagcc	780
cacccccagc	ccccgccccg	gcgc				804

<210> 8825
 <211> 1440
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (355)...(1433)
 <223> similar to gi3004655 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8825						
agttcttcta	gcaaaggagg	ctcttcatca	aaactgtcaa	tgtaaggaga	ttgtgaataa	60
taatctgagt	tggatgctgg	ctgaaaaaat	tgtcctgcgt	aacccgatga	catgagcatc	120
tctgatggaa	caaaggaggc	aggctgaggc	tgctcaccag	cttggttgtgt	gaccactcca	180
ctacccggcg	ccaagacgcg	ctgatgtcac	gacagcgtgc	ggcgtgcaga	cgtcggcaag	240
ctgcgcgcgc	gcttcggggt	gcttccggat	ctggtacttg	ggcagagctc	cccgggggttc	300
attgtcttcg	cttcacagga	tctgtttgag	tcctgtccac	cggatcctac	gggggggtacc	360
ttcgaaaaaa	aacgggctat	gctgctgttg	cgtgaaaaac	ttgacatgtc	taggtttcct	420
gttgaaaata	ttagaaat	cagtattgtt	gcacacgtgg	atcatggcaa	aagtacttta	480
gctgacaggc	tcctagaact	tacagggaca	attgataaaa	caaagaataa	taagcagggt	540
cttgataaat	tgcaagtggg	acgagaaaga	ggaatcactg	ttaaagcaca	gacagcatct	600
ctctttttaca	attgtgaagg	aaagcagtag	cttttaaatc	tcattgatac	accggggccat	660
gttgatttta	gttatgaagt	atccagggtca	ctttctgctt	gccagggtgt	tttacttgtg	720
gttgatgcaa	atgagggaat	tcaagcccaa	actgtagcaa	acttgtttct	tgccttcgaa	780
gcacagctat	cggtaattcc	agctataaat	aagatagatc	tgaagaatgc	tgatcctgaa	840
aggggtgaaa	accaaattga	gaaagtgttt	gatattccaa	gtgatgaatg	tattaagatt	900
tctgctaaac	ttggaacaaa	tggtgagagt	gttcttcagg	caattattga	aagaatcccc	960
cctcctaaag	tgcatcgcaa	aaatcctctg	agagctttgg	tatttgactc	cacctttgac	1020
cagtatatag	gtgtgatagc	caatgtagca	ttatttgacg	gagtgggttc	caaaggagat	1080
aaaattgtat	ctgcacatac	tcaaaagaca	tacgaagtta	atgaagtagg	agtcttgaat	1140
cctaattgagc	agccaactca	taaattgaat	gtatcctcta	gaccaatctg	aatataacaa	1200
tctgaagagt	gctatagaaa	aactgacttt	aaatgattcc	agtgtgaccg	ttcattggga	1260
tagtagcctt	gctctgggtg	ctggctggag	gctaggattt	cttggacttt	tgcacatgga	1320
agttttcaac	cagcgactgg	agcaagaata	taatgcttct	gttattttta	caacccttac	1380
tgttccatat	aaagctgtac	tgtcatcatc	aaaattgata	aaggaacata	gaaaaaaaaa	1440

<210> 8826
 <211> 1165
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1166)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (789)...(1146)
 <223> similar to gi296670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8826
 aattcgctgg caatctccca naaagtcag caatttgaaa gtcaaatcca cagaaagacc 60
 atcttccata acaaaaggaa gcactttttt taggttgaca cttgcaagca ggagttccaa 120
 ttattttcgc gggtatcaat ttcattgtaat tgcaatgta cccaaaagtt tcttgatttg 180
 ttttaaacgg gctgaataac aatttctttt caagaagaaa aacctaaaca gaaatattca 240
 caggggatgc tgaaaagggt caataatgct agtcatttca attctcacac ataaaggaaa 300
 cgctgatggt ctttggttac tctccagaa cttttcctgt ggaagtcacc aaccccctat 360
 cttagcttct tcatcttcca acaaatttcc tgccgaacta gtggccgctc tcgcttctct 420
 gctttgctct ccggaagg acacgggtca ccagatttc agcgagtttg ccctcgactc 480
 tgacgaaaag gaatgcattg ccagcaactt ttaagtccgc tttttaaaag gcctgtggaa 540
 ccaatccaga cttttccttt gcattaaagt ttttggtga gctgagacta agggggccgt 600
 aggtgacatt ggaagaagtc agggcattag aggtcgcgg gagccacctt gggggaaggg 660
 gagaccctt gacagcaagg gagggatttg aatgggaggc tccgtggcca aagttggggc 720
 cgggatccgg aataaggggc ggcttggggc tgagggaagc tgcgggggcg cggcacgggc 780
 agcttactcc ggggcgacgc tcttccacgc ctcagaaaac ggggtgtccc aagctggggg 840
 aaacagacca ccgcagtggt cccaaagccg gggcggggct gtaagggacg aaggactctc 900
 gcggcccaga cagcgggaag cgggccccgt gtagaggagg cccggccgcc tcagctgccc 960
 caagcccggg ggtctctgcc cgagacacc cctccccggg ccccgacgc tgacaccacc 1020
 accgccccta ggcagtcaca tctcccgagc tccgcgagg gaccagccg cccccgcg 1080
 gtaggggccc tggacagcgg aggggctcct cagccgcagg acccggaac cggctccggc 1140
 tccagcgtg ctcaggcaca gacac 1165

<210> 8827
 <211> 2112
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1170)...(574)
 <223> similar to gi930259 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8827

gatatactta	ttttttttta	ctgtgtaact	tttttttcca	atttagagaa	ccacatcctc	60
atccatgctg	cttactatca	atagtggcac	aagtgtcaaa	ttttaagggt	acatttttgg	120
ggacccctct	ttcttctgtt	ctagctatta	cctttcttgt	gtcacctaga	aaaggaccag	180
tccttaattg	tattttaaaa	actgtgatca	tgggaggctt	aaaatgggtc	ataacacgca	240
tcaagttggt	tatttcctgg	gctacatacc	ttggatagaa	tagcattata	caaacaagtt	300
tcttttagag	tcctggtaca	cttataataa	ccataaaaata	ataggactgt	agcaatcttt	360
tgtcctacct	cagtgaactt	atgtatatac	tggaaacagt	tctcaatctg	aggaagggtca	420
gttgaagtc	ttactgtaca	agtccaaatt	ttaaggaaaa	tgagtcccg	aatgagtttc	480
ctcatgcttc	gcctgtgcgt	ggaccagtca	gcttctgggt	gtgactggag	cagggttgt	540
ctccttcttc	agagtcactt	tgcaggggtt	ggcaaagccg	ctcccatcca	cgtacagctc	600
ccagtctact	gatgtttaag	ggtggtctcg	gagggttaggc	ctactagaat	aaactgagtc	660
cagcacctct	aaacagttat	gtttaactgg	gctctctgtt	accaggagta	aggtggctgg	720
gttaggggtg	tggaaacttc	aatgggtttt	tggggatttt	cacagagcaa	ggtttggtat	780
ctagttagtc	tagcatttat	tagctaata	tgtccttttg	tatttattaa	agtcaccacc	840
agcatgggga	gactttctgt	ttaggttttg	cctaagagtt	agctcatctg	cttcttgtgc	900
taacagggca	gttgctgcca	gggcccttgg	acatgggggc	cagccttttg	aaaccccgtc	960
tagttgtttt	gagagatagg	cccctggcct	tgaccagggc	cctacagtct	gggttaaaac	1020
tccaactgtc	attttttctc	tttctgacac	atggagtgt	aagagttttg	tcagggtcagg	1080
tagccccagg	gctggggccg	acatgagttt	ttctttttta	ctcatgaaaa	gctcgttgct	1140
gttggttgta	atagatgtag	tttatcta	ttacattttt	attgactgtc	atctaccaaa	1200
atattgactt	cagtccctgta	actatttgat	ttcaagcttt	aaattgatct	ggatttcctt	1260
gcggggctcc	aattgcattt	aaatatatac	gagagttgaa	agaccataa	ggggcttctc	1320
tccctttatg	atgtcttatt	ttttttttcc	tctggttgat	gaaatgccag	ggtgaaaggg	1380
atagccaaat	ggactaaagc	acaagtgcc	ctctagttat	tcagcagagt	gcccagtaaa	1440
ggtccaccac	aataccacca	cgcacccgct	cggggatgaa	caagggtga	ctgattgata	1500
agctcttgaa	aattcttaag	ctcactgcat	cccttcaggt	ctccaaggaa	tgctaagttt	1560
tctccctggt	gttagagaca	tgaagtgaac	ttagtgttcg	ggagatggaa	gctggatggc	1620
cctcgggggc	tgactcgag	ggtgccagac	ttcaggatat	agcaggagag	agcttggcat	1680
cgacttatta	ctccaggcta	tagaatcctg	gaaaagagct	accatgcagc	ccacacctgg	1740
tcgactggag	gacccacctt	agtggaaagg	ggacattctg	agcctctgcc	ctgccatgtg	1800
cacaagcata	acaattgctt	ttgtttaacg	tgcagatgga	atatttgatc	catttcaccc	1860
aggcatttgc	atcttggtat	cctgtcttaa	ttgccaaagt	ttgttttaag	tctttaactt	1920
ctatgatcct	ttagtaaaat	gaatgcttcc	tttagcacct	atttttgtta	gttttttagac	1980
caaagaaagc	taaacaccat	tttatattta	ataatgcttc	ttgtatgatt	tttataccag	2040
agaagctaaa	ttttatcttt	atattagtgt	gttattaatg	ttaaacttaa	ttttaataaa	2100
accttgtaga	ca					2112

<210> 8828
 <211> 1073
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (145)...(999)

<223> similar to gi3650328 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8828

gacattcgtg	accatcatta	cgcctagctt	ggcacgaggc	cgggactagg	ttgcgggaga	60
aagcctgttg	cgtggaagat	aaggcggcgc	gggaagtgga	cacagggtgg	gctggagatc	120
taactggact	ctcgctcctg	ctggctggac	atggaggatt	tggaggaaga	tgtaaggttt	180
attgtggatg	agaccttga	ctttgggggg	ctgtcaccat	ctgacagccg	tgaggaggaa	240
gacataacag	tgttggtgac	tccagagaaa	ccacttcgac	ggggcctctc	ccaccgaagt	300
gacccaaatg	cagtggcacc	tgccccccag	ggtgtgaggc	tcagcctagg	ccccctcagt	360
ccagagaagc	tggaggagat	cctcgatgag	gccaaccggc	tggccgctca	gctggagcag	420
tgtgccctgc	aggatcgga	gagcgcaggc	gagggcctgg	ggcctcgccg	agtgaagccc	480
agtcctcggc	gggagacctt	tgtgctgaag	gatagtctctg	tccgagacct	gctgcccact	540
gtgaactctt	tgacgcggag	cacccccctc	ccaagcagcc	tgacgcctcg	actccggagt	600
aatgatagga	aggggtcagt	cagggctctc	cgggctacat	ctggaaagag	gccctccaac	660
atgaagaggg	agtcaccac	ttgcaatctg	ttccctgcat	ccaaaagccc	agcatcttct	720
cctcttaccc	gatcgactcc	cccagtcggg	gggagagccg	ggcccagtg	gagagcagca	780
gccagtgagg	agaccagagc	agccaagtgtg	cggggagcag	ctgctaaatc	ttcctgtcaa	840
ctgcccattc	cctcggccat	ccccaggcct	gccagccgaa	tgccactcac	cagccggagt	900
gtgccacctg	gcagaggtgc	cctacctccg	gattctctgt	caactcgaaa	agggcttcca	960
agaccaagca	ctgcaggaca	cagagtgcgg	gaaagtggac	acaaggttcc	tgtttcccag	1020
cgactaaatc	ttcctgtcat	gggtgccact	cgcagcaatc	tgcagccccc	cag	1073

<210> 8829

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (388)...(816)

<223> similar to gil82220 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8829

cccacgcgtc	cgggaaatac	aaatgagtaa	gagtagccaa	aacagtaagt	tactcatccc	60
agtattaaga	ctgtgcagct	acagtgatga	gagtgtagtg	ctggtaagag	gactggcacg	120
caggccagtg	gggtggaatg	gagcccggaa	agtgaaccac	aaacttttgg	ttcacagagg	180
taccaggata	attcaagggg	gaggaattgt	cttatctaca	ggtggttctg	gcaacagagt	240
attcacagga	aaaatggtga	acgttaaccc	ttgcatcata	tgcaaaaaat	tatttgaaac	300
aggtcataag	aactaaaacc	atcaaaacttc	taggagaaaa	tacagggaaa	aatctctgtg	360
gccttgacca	tgcaaaaatt	tcttgggaca	caaaaagcat	gagccacaaa	agaaaacgtt	420

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gatagggtggg atctcatcaa aatttcaaac tctcttttctt tgaaagacag ttaagaaaat 480
aaaaaggcaa gccacgccct ccaaaaatac atgcagtaca tatacaggac aaaggactta 540
tttctagaac ctgnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc 660
acagggtatc attatttatc agggacatgc aaattcaccc atgagctacc tgaacatact 720
tgctagaatg gttaaaatga agaagagaca gtcttcattg ttgataagga tatggagcag 780
ttgaaacgct cacacgttat tgataggaat gtaaaaa 816

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<210> 8830
<211> 837
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (790)...(834)
<223> similar to gi4150963 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8830
ttttttctcc aacgaagtct tatattttac cattctgcgt gtattagaaa gctaaattta 60
aacagcaaca ataagaaatc ttccccagtg gatccctcga gcctttcggg aaaatgcagg 120
tttctggctg acaggaagaa gaaacagcat ccaatcggca cttgtgtctc aatgaccaat 180
caaatttcgc cttacattgc atcgctggga taaacggagc tggacgactc agtctcttgg 240
tctgtggctg ctgcggttac ctggatgggc gagcacctct gaggttggtt ttgttacctg 300
ggcaataagg gactagcagt tcagccgttt tctatgcctg ctggatttgt ttgtatttgt 360
tcccagccac tgctcatgta atgtactccc ttaaccagga aattaaagca ttctcccgga 420
ataatctcag gaagcaatgc accaggggtga caacgctaac tggaaagaaa attatagaaa 480
catggaaaga tgccagaatt catgttgttg aagaagtaga gccgagcagt gggggtgggt 540
gtggttatgt gcaggacctt agctcggacc tgcaagtttg cgttattaag ccatggttgc 600
tcctagggtc acaagatgct gctcatgatt tggatacact gaaaaagaat aaggtgactc 660
atattcttaa tgttgcataat ggagttgaaa atgctttcct cagtgacttt acatataaga 720
gcatttctat attggatctg cctgaaacca acatcctgtc ttattttcca gaatgttttg 780
aatttattga agaagcaaaa agaaaagatg gagtggttct tgttcattgt aatgcag 837

```

```

<210> 8831
<211> 3062
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (593)...(2797)
<223> similar to gi2281588 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400>	8831					
aaccctgaga	cacttttacag	ccctagaccc	taaaagggtca	aaaggccatc	ttatttctcaa	60
aatacatttt	attagccaat	ctgctcccga	cattaaataa	aactccaaaa	attagattcc	120
ggccctcaaa	cccacaca	ggatttaatt	aacctcgct	tcaagggtgta	caataataga	180
gtagaggcag	ccaagtagca	acatatttct	gagttgcaat	tcctccttgc	ctccactgtg	240
agacaaaccc	cagccacatc	tccagcacac	aagaacttcc	aaagcctga	actgcagcgg	300
ccaggcggtt	cctccagaac	ctcctcccc	aggagcttgc	tacatgtgcc	agaaatctgg	360
ccactggggc	aaggaatgcc	cgcagcccag	gattcctcct	aagccgtgtc	ccatctgtgt	420
gggacccac	tgaaaatcgg	actgttcaac	tcacctggca	gccattccca	gagcccctgg	480
aactctggcc	caaggctctc	tgactgactc	cttcccagat	cttctcggtc	tagcgggtga	540
agactgacac	tgccgatcgc	cctcggaagc	cccctagacc	atcacggagc	ccgagcttgc	600
ggtaactctc	acagtggag	gtaagcccg	cccccttcta	atcaatacag	aggctactca	660
ctccacatta	ccctcttttc	aagggcctct	ttcccttggc	tccataactg	ttgtgggtat	720
tgatggccag	gcttctaaac	ctcttaaaac	tccccaaact	tggtgccaac	ttagacaata	780
ctcttttaag	cactcctttt	tagttatccc	cacctgccc	gttcccttat	taggctgaga	840
cactttaact	aaattatctg	cttccctgac	tattcctgga	ttacagctac	atctcattgc	900
tgcccttctt	cccagtccaa	agcctccttt	gcgtcctcct	cttatattcc	cccaccttaa	960
cccacaaata	taagatacct	ctactccctc	cttgggtgacc	gatcatgcat	cccttaccat	1020
ctcattaaaa	cctaaccact	tttaccocga	ttaatgccaa	tatcccatcc	cacagcatgc	1080
ttgaaagggy	ttaaagcctg	ttatcacttg	cctgctacag	catggccttt	taaagcctat	1140
aaactctcct	taaaattccc	ccattttacc	tgctcctgaa	ccagacaagc	cttacaagtt	1200
agttcaggat	ctgcatctta	tcaaccaa	tgttttgcct	ttccacccca	tggtgccaaa	1260
cccatactat	ctcatatctt	cagtacctgc	ctctacaacc	cattattctg	ttctagatct	1320
caaaacttgc	ttctttacta	tccttttgca	cccttcatcc	cagcctttct	tcgctttcac	1380
ttggactgac	cctgacaccc	atcaagctca	gcaaattacc	taggctgtac	tgctgcaaag	1440
cttcacagac	agcccccatt	acttcaatca	agcccaaatt	tcactctcat	ctgttacct	1500
tctcggcata	attctcataa	aaacacacgt	gctctccctg	ccaatcgtgt	ctgactgac	1560
tctcaaaccc	cagcaccttc	tacaaaacaa	caactccttt	ccttcctagg	catggttagc	1620
gtggtcagaa	ttcttacaca	agagccagga	ccacaccctg	tagcctttct	gtgcaaacaa	1680
tttgacctta	ctgttttagc	ctagccctca	tgtctgcatg	cagcggctgc	cactgcttta	1740
atacttttag	aggccctcaa	aatcacaaac	tatgctcaac	tcactctcta	cagttctcat	1800
aacttccaaa	atctattttc	ttcctcatac	ctgacgcata	tactttctgc	tcccccgctc	1860
cttcagctat	actcactctt	tgttgagctc	cccacaatta	ccattgttcc	tgggccagac	1920
ttcaatccgg	cctcccatat	tatacctgat	accacacctg	accccatga	ctgtatctct	1980
cggatccacc	tgacattcac	cccatttccc	catatttctt	tctttcctgt	tcctcacctt	2040
gatcacgctt	gatttattga	tggcgggttc	accaggccta	atcgccacac	accagcaaag	2100
gcaggctatg	ctatagtaca	agccactagc	ccgcctctta	gaacctctca	tttcttttcc	2160
atcgtgga	tctatcctca	aggaataaac	ttctcagttg	tccactgtct	attctactac	2220
tcctcaagga	ttattcaggc	cccttccctt	ccccacacat	caagcttgaa	gatttgcccc	2280
caccagggga	ctggcaaatt	agctttacct	caacaatgcc	ctgaggtcag	gaaactaaaa	2340
tacctcttag	tctaaataga	cactttcact	ggataggtag	aggcctttcc	tgagggtct	2400
gagaaggcca	ccgcagtcac	ttcttccatt	ctgtcagaca	taattcctca	gtttagcctt	2460
cccacctcaa	tacagtctga	taacagacga	gcctttatta	gtcaaatacag	ccaagcagtt	2520
tttcaggctc	ttagtattct	gtgaaacctt	tatatccctt	acggctctcc	atcttcaaga	2580
aaagtagaat	ggactaaagg	tcttttaaaa	acacacctca	ccaagctcag	ccaccaactt	2640
aaaaaggact	ggacaatact	tttaccactt	tcccttctca	gaattcaggc	ctgtcctcgg	2700
aatgctacag	ggtacagccc	atttaagctc	ctgtatagat	gctccttttt	attaggcccc	2760
agtctcattc	cagacaccag	accaacttag	actgtgcccc	aaaaaacttg	tcatccctac	2820
tatctttctg	ctagtcatca	tcctattcac	cgttctcaac	tactcataca	tgccctgctc	2880
ttgtttacac	tgccggttta	cactgtttct	ccaagccatc	acagctgata	tctcctgggtg	2940
ctatcccaaa	actgccactc	ttaactcttg	aagtaaataa	ataatctttg	ttggcaggac	3000
tatgctgaac	ctccttaggc	actctcta	cagatatcct	gagtcgtccc	aattcttaga	3060
ca						3062

<222> (1)...(766)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (461)...(765)
 <223> similar to gi9451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8833
 tttttttttt ttcacagcgg tttcaggcctt tattaacaaa cgggtgtaaaa aaccagacgg 60
 atctggagga agggacaggg ctgcccgtct cagctctcaa ccttcccaga gaggggccag 120
 gcctggcagc cctgtgcgtc gcgcctccta agcagtcaac cttgtcccct ccaaggacag 180
 gcatctgacc caatccaggt cccagggagg cggagtcgca aaccctaact ctgggggtgta 240
 ttctgctcgg cctcctctcc ccctccccag atagctctcc cagcctgggg cacggacagc 300
 acagactttg cagacatcac ccggggagggt ttctcagtgc agacaggagc tgaggtaggg 360
 gttggagagg ctgacctcga gaggcccccg agggccagga aggaaaagga gtcattccac 420
 tctgagaagc tcaaacacaa cagacttcac actgctgacg ggtggacaga ggccaggctc 480
 ctcccctcgg caggcctctg tttctgggcc cagggtgggt gaggactcac tgagggagag 540
 caggtaaaag aaccgcgaga cagtaggcga tcatcagggt ctggcgcccc tccctcctcc 600
 cctgccctgg ctgtcagttc gttagcttcac aggtctttgc tgaattccct caccagcgtg 660
 tagcccaggc agccccagcc cccctcggcg tggtagccac agccctccgg acgcgtgggt 720
 cgacccggnn gncngccga tgcgatgac caaaannnt gcccc 765

<210> 8834
 <211> 943
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (483)...(46)
 <223> similar to gi6015448 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8834
 ccgaggggatg agccggcagt gggcagggga ccacgcacct ggttgaaggg actgggagcc 60
 cgcactgggg aactgccgga cgcaggccct cgggcaggag catctggcag agtggggggc 120
 gtggcaggca ccctcctttg cagggcgagg tggggcctct gcagccatcc tggacaggcc 180
 ggggtggcgg cagctttgcc cacgtggaag cgggggtgggt ctacttgcg tggtagcccc 240
 tggccccatc ttgcctgctg cggcctgggg agcaggcgct ggggtgggtg tctgcctgct 300
 tgctgctcgt tccccgggca tgcgtgggca gcggggggca tgcgtgggca gcagggggcg 360
 tgggcagcgg gggcatgggc aggaccacgt gggccgtgat cgtgggttgc cgagaggacc 420
 tgagcgctgc ggctctgctg aatggagccg ggtccctcag gccgtggacg ccctcgggag 480
 gggggtgact gtggcttggt tctggacagg aatgtgtcat ttcccacatc ttctagaggg 540
 ctgccagctg ggaagacagt tatcagggca agctgtgctc tgagtttcgg gttctgctcc 600
 tacaaaagaac gtgcggtgct gcgggcgagg gccccggcac ggacaagggc cactgcagag 660

```

tgtgtttctg ctcgtcagct gccctgggca gcggatgggc tgggcgatgc agctggatgc 720
acatctcatt ctgtcatgaa tgtccagtaa aaatctgaat tggttgcaa aaaaaaaaaag 780
ggggggggccc tttttaaga atccttgggg ggcccaaatt ttacgggggc tggggaggta 840
ttatTTTTTT ccttatgggg agcctattat aaaccctacc tgggattttt ggaaaggaac 900
ctttctttgt gggggggggac ataatggacc aacctcccta caa 943

```

```

<210> 8835
<211> 720
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (271)...(664)
<223> similar to gil545805 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8835
tttattttatt acacagccag attacttgac tccctatggt tgaagtcccc agtttagatt 60
ggttattaag taagcattca ttagattttc aattatttat aaaagctaaa tataaagaac 120
cacaaactat ttcaacaagt taatacagcc aaagcatata gataaatata tgaaacaata 180
cagtaaatac atgagaccaa aaattcagtc tttcatcagt ctggaaataa acaaataatt 240
tgtgtgtgat tgtttctgaa actgcagaca ggtattttta attcttaact cctactgtgt 300
tcagtacatt attcagaaga ttagccagga acagaaaatg tgcaatttaa tttcccttag 360
gttcaaggta taagctaaac agagtctttc cctgocccaaa ttatcaagtt ggctgtgttt 420
cactggatag gagatgggac agtgggaatc ttgtttgttc attgatgggc gtcattattt 480
agatggtgag gcatttggct accttgaaaag ncatctttac tccctgttac cctcacttta 540
ttgaatttct ttactttgac tttcagagct ctgggcagaa atcacatatt attttggagg 600
actttgttat tttattcaag ttaaagtata gggtttcccc aaattgaaaa ccagagtagc 660
ctatgatcat tccctgtggg attctttaac tgттаaggca aaaaaaatg cagttgcact 720

```

```

<210> 8836
<211> 1806
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1807)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (58)...(1806)
 <223> similar to gi2429362 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8836

gattgcgccc	tgggaccctg	agaccgncga	anttcanngn	antagggggg	cggagcgggt	60
ccgcccattcc	cggaccaggc	ctgggatggc	tccaccgcg	ctggctccaa	aataacgagg	120
gggcgggggcc	cgggcccgtg	gagcgccctga	ggggcaggag	tccagtgttt	tagccttcga	180
aggaccatgg	tgtctccacg	tcatcgtgtt	gtggcgctcc	cggctatggc	agtaccgtag	240
ttttcctctc	ttctgcctgc	ggtgaccatt	gggctgtagg	gtgccccgag	gcctccctgg	300
ccccctcacg	ccggcagaat	ggcctcagcc	cagggggcca	agcagtcttc	gccccgggtg	360
gggaccaccc	gctacacaga	gacgtccacg	gtccgcgtgg	agacctcgtc	ccaccgcgtg	420
gagacgtcgt	cccggcgggt	ggagacctcc	cagcgccgca	gcgagggggc	ctccctctcc	480
ccctcggggg	agcggctccc	tgcctcctc	gaggcgctcc	cccggcacgt	ggaatcctcc	540
tgcgagcgca	cggaaacgac	ctcccgcac	gtcagagcct	cgtccctgag	ggtggagacg	600
tctctgcact	gcgcggagag	cccgaccccg	cggggccaagc	cggcgcccg	ccagaacgaa	660
aaaacggccc	gatgagatgc	tgttcccaa	aggccacca	ggggccagg	ccctcagcca	720
ggacagaaag	gcctccagtt	gccagccagc	cagccagctg	ccaggtggac	caatcatttt	780
cggtttcatg	gaaacaaacc	ataaatcaat	gtaagaaaca	gccaaagccg	agttttctgaa	840
cacagccaac	gtttactgac	cgtcctgcgt	cttggaaccag	cctacttttg	acccagttaa	900
ctattttcac	ttgaagccag	cacagaaggt	tttcaggccc	aggatgctgt	ctaaatcggg	960
ttgatggaca	aagagaggct	gtttgagcct	ctgagccagg	tgagtttggg	atccacagcc	1020
ctcagaaaac	cttcaccct	taggaacaga	gaccaaactg	aaataatgac	ctgtggaatg	1080
attccatgcc	tgctaaaaac	tgcaggggca	aggaacagac	tcataaatta	tttaattggc	1140
tttgtttatg	tttcaaagta	aatggctcgt	ttctttatgc	taagtctttg	tacctggcac	1200
ccccatccat	acactttttt	aaggtagggt	agatgtgggt	aaaaatgaca	gtaaaccac	1260
cagcaagcaa	aaataatctt	agaaagttag	aggaggtcac	tgaaacctgg	cctgagggtt	1320
gaagaagatg	gagaagagtt	atattttatt	agaaccggct	ctgtgccagg	cactagatgt	1380
tcctccactt	acgatggggg	tacctccgt	tgaaactatt	gtaagttgaa	aatatggtaa	1440
tttgaaaatg	cacttaatac	ccctaacct	ctaaacatca	tggcttagcc	tagcctacct	1500
taaacatgct	cagaacacct	aaagttgagc	aaaatcatct	aacagaaagc	ctgttttata	1560
ataaaaatgtt	gaatatctca	tgtaattttat	tgcatactgt	actaaaagt	aaaaagaatg	1620
gttgtaagag	tacttaaagt	actattttta	ctgaatgtca	cttttgtacc	attgtaaagt	1680
cgaaaaatca	taagtcaaac	catcttaagt	tgggaactgt	ctgtattttg	ggaacttggg	1740
ctatagcagt	aaaaaaggca	aagtcccagc	tctagtggag	cttacacttt	ggtgaaaaaa	1800
aaaaaa						1806

<210> 8837
 <211> 1533
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (573)...(968)
 <223> similar to gi5002521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8837					
attagtcacg	tgcggtggaa	ttcggaagag	aaagggctctg	ttgtttttct	ctcctgtttc	60
tcgctccctc	tctgctgata	acaaagctgc	tgaccgggtc	agaaagtcc	gatggaaatc	120
caccagcgct	gggcaggccc	ctcctcctcc	agggagcttg	tccttgccca	atttttcttc	180
gtcctgatga	gaacaaaaaa	gagagagaga	agaaaagaaa	aaccacaaac	ttcctttgaa	240
aaccagcttg	tagtcagggc	ccggagcgca	tgccatagac	tcggcgactc	aggaatcctg	300
aagactctct	gagcgacctg	gagcaccttg	gctgtgtccc	tgctgcctt	caccctcctc	360
cagtgcctcc	agtactgggc	gtgagtccgg	aagtggccac	aaccacagct	ggaccgtcgc	420
ttataaagct	gtgtaaacct	gtataagctc	aggcgttgac	agctggaagg	cagctggcac	480
tggcagcccc	cttcattgca	cctatctccc	ccatctcatt	gccacggctg	aaccctcctt	540
ctcaatcttg	gaacagcacc	cccttcttta	aggtgaagct	ccccccgcag	aaggaagtga	600
tcacatcgga	tgagctcatg	gcccattctg	gaaactgcct	cctgtccatc	aagccccagg	660
agaagtccga	gggagcttcag	cttaattttc	agcagaatct	ggatgatgca	atgacagtgc	720
tgctaaact	ggccacaggt	ctggatgtca	atgtgcgatt	cacaggctc	tctgattttg	780
agtatacacc	cgagtgcagt	gtctttgacc	tgctaggcat	acctctgtac	catggctggc	840
ttgttgatcc	acagcagagt	cctgaggctg	tgctgagct	tgggaaactg	agttacaacc	900
agctgggtgga	gaggatcatc	acctgcaaac	actccagtga	caccaacctc	gtgacagaaa	960
gcctgattgc	agagcagttc	ctggagacca	ccgcggccca	tctgacctac	cacggactgt	1020
gtgagctgac	agcagctgct	aaggagggtg	aacttagcgt	ctttttccga	aacaaccact	1080
ttagcaccat	gactaagcat	aagagtcact	tatacctact	ggcactgac	cagggctttc	1140
tacaggagga	gcaagtcgta	tgggagagcc	tgcaaatgt	ggatggagac	agctgctttt	1200
gtgactctga	ctttcacctg	agtcattccc	tgggcaaggg	gcctggagca	gaaggtggga	1260
gtggctcccc	agaaaagcag	ctgcaggtag	accaggacta	cctgattgct	ctgtccctgc	1320
agcagcaaca	gccacgaggc	ccgctggggc	ttaccgactt	ggagctggcc	cagcagcttc	1380
agcaagagga	gtatcaacag	cagcaggcag	cgcagccagt	gcggatgcgg	acgcgggtcc	1440
tgtcactgca	ggggagagga	gccacatctg	gacgcccagc	cggggagcgt	cggcagaggc	1500
cgaagcacga	gtcagactgc	attctgctgt	aqc			1533

```
<210> 8838
<211> 1320
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (464)...(1210)
<223> similar to gil60182 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8838						
actcgtgccg	tggaattcct	gcattaaaga	aaaagctcct	ggaggactcc	tgaagcctga	60
ggcagccttg	gggcagcagt	ggctcatggt	ttacattgga	aagacgggtgc	ctcccatcat	120
tctagcccct	cactgcctgg	ggagctggag	gcttaaattgc	ctgagaggag	tgaggtgttg	180
aagaattgcc	tgcattccag	ggatggagcg	tggtggaaga	ccaactcagt	gcctcacagg	240
ggtaattgag	tcatgagggg	tggagaagag	ggcgagaggg	agagaggata	aatagcagcg	300
tggcttccct	ggctcctctc	tgcattcctc	ccgaccttc	cagcaatatg	catcttgac	360
gtctggtcgg	ctcctgctcc	ctccttctgc	tactgggggc	cctgtctgga	tgggcggcca	420

gcgcggccat	cccgtccacc	atcctccggc	ttccagctgc	ggcttttcat	ggagtttttg	1080
agaaatatcc	ggaaactctg	gtgaggggtg	tgagatcat	catggtgcgg	ctgcagaggg	1140
tgacctttct	ggctctgcac	aactacctcg	gcctgaccac	agagctcttc	aacgctgaga	1200
gccaggccat	ccctctcgtg	tctgtagcca	gtgtggctgc	cgggaaggcc	aagaagcagg	1260
tgttctatgg	cgaagaagag	cggcttaaaa	agccaccgcg	gctccaggag	tcctgtgact	1320
caggtactgt	cctgcaccaa	ggagggcaat	gtccagcccc	agagtccggg	ggatcctgct	1380
cccactgcct	caggtcaccc	caggtcatct	tgacatgcc	tgaggccacc	acacacatnc	1440
ccnggtcacc	tcacacggg					1459

<210> 8840
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (340)...(793)
 <223> similar to gi4432833 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8840						
gaccaaagg	ctggtcatga	tctgctccag	aaggggagta	agaatttcgt	tctccatttt	60
acagagtatg	tatttgaaaa	aaggatctcc	cccaaaaata	cgcctaggga	attggtcact	120
aaacgtggaa	gtaagtagaa	atcaatgaaa	gtccatttcg	gcaagggaga	aaaatcccat	180
cgtggaggag	gggggcactc	tccctcctca	aaaaacaccc	cagagtgaaa	cgagccgaaa	240
tccaagaag	tggcttcgac	gacggacacc	acgagcagca	gcctgcgctg	gaaatgtctg	300
taccgggcga	ggaggggcag	agaaaaggca	tctggaggag	gaggaaggga	aagggggctg	360
gaaccaaga	caaaaagccc	gtcaaggttg	tccagctcct	ggaggatcca	gaccagcgaa	420
actgctccca	atgaatcaat	cccagcgggg	gctaaatgaa	atacgttaaa	cagagaccac	480
gttaaggata	ccgaggcgcc	accagactcg	acctcggcgt	tccgacctct	acacgttcca	540
cccaccgatg	ggcatggagc	cgctttcgac	ccgcggagcc	tccactgccc	gcagcccctc	600
agtaccaaca	ggcagggtc	gccccttccc	cccagagcaga	caccattcct	ccgcccgcct	660
caagcctcgc	ctccagcccc	cttcccctcc	cgggggtggg	ggcttgaatg	tgtgtcccta	720
accccccagc	ttcctaagcc	ctgccagcct	ttcagcgcgt	ctctgggaat	ccctggcaca	780
aatcacccgc	cgcgctccag	ccttacgaaa				810

<210> 8841
 <211> 962
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(963)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (233)...(861)
 <223> similar to gi912755 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8841
 atgggggaaat gagcctccgn ctttcacnnn ctcngnnttg aancccgggc gggatttgtg 60
 ggctctnnnc tttttcctgt atttcccgtt cgggggagta ggttgaagtc tcctaagatg 120
 cccggtgggc tgcgggcacc gggagctgtg aagggaacgt gagggggcgg cgtagtggag 180
 acccacggca ggccctgaaga agagcggcgg ccgagcccg cttccctgca ccatgctcat 240
 agaggatgtg gatgccctca agtcctggct ggccaagtta ctggagccga tatgtgatgc 300
 tgatccttca gccttagcca actatgttgc agcactggtc aagaaggaca aacctgagaa 360
 agaattaaaa gccttttgtg ctgatcaact tgatgtcttt ttacaaaaag aaacttcagg 420
 ttttgtggac aaactatattg aaagtctcta tactaagaac taccttccac ttttgaacc 480
 agtaaaagcc tgagccaaaa ccactagtgc caagaaaaag aagaaattaa agaagaggta 540
 tttcaggagc cagcagagga agaacgagat ggcagaaaaa agaaatatcc tagtccccag 600
 aagactcgtt cagaatctag tgaacgaagg acacgtgaga aaaaaagaga agacgggaaa 660
 tggagagact atgaccggta ctatgagcgg aatgaattgt accgtgagaa gtatgactgg 720
 agaagaggca ggagtaagag tcggagtaag agtcgaggcc tgagtcgcag tagaagccga 780
 agtagggggc gcagcaaaga ccgggatcca aataggaatg ttgagcacag ggaaagatcg 840
 aagtttaaga gtgaaaggaa tgacctggag agttcctatg tgacctgtgtc tgcaccacct 900
 ccaaactctt ctgagcagta ttctctctggg gcacagtcta ttcccagcac tgttactgtg 960
 ag 962

<210> 8842
 <211> 1236
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (124)...(1227)
 <223> similar to gi3646450 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8842
 atgaattccc gggctcgacga tttcgtgccg caccgccggg agcattttct cggagggtccc 60
 gggattacgg tgctcgagca cgctgggtgg aaaggaccgg ggacttgaac agtggttgtgc 120
 ggcgccatgc aggtctccag cctcaatgag gtgaagattt acagcctcag ctgctggcaag 180
 tcccttcctg agtggtcttc tgataggaag aagagagcgc tacagaagaa agatgtagat 240
 gtccgtagga gaattgaact tattcaggac tttgaaatgc ctactgtgtg taccactatt 300
 aagggtgtcaa aagatggaca gtacatttta gcaactggaa catataaacc tcggggttcga 360
 tgttatgaca cctatcaatt atccttgaag tttgaaaggt gtttagattc agaagttgtc 420
 acctttgaaa ttttgtctga tgactactca aagattgtct tcttacataa tgatagatac 480
 attgaatttc attcgcaatc aggtttttac tacaaaacca gaataccaaa gtttgggaga 540
 gatttctctt accactatcc atcctgtgac ttgtactttg ttggtgcaag ttctgaagtt 600

Q. Now, you're saying that the defendant was not in the car at the time of the shooting, is that correct?

```
<220>
<221> misc_feature
<222> (244)...(915)
<223> similar to gi2648019 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 8844
<211> 2174
<212> DNA
<213> Homo sapiens
```

```

<220>
<221> misc_feature
<222> (1)...(2175)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (955)...(152)
<223> similar to gi3044086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8844

```

gactgnaagg agtgtcagaa agcgaaagac cggatggaga ggattaccag gaaaatcaaa      60
gactcggatg cctacagaag ggacgagctg aggctgcagg gggacccctg gagaaaggca     120
gccaagtgg agaaggagtt ctgccagctc cagtgggccg tggaccccc tgagaagcac     180
agggtgagc tgaggcggcg gctgttagaa cttcgaatgc agcagaacgg ccatgatccc     240
tcctcggggg tgcaggagtt catctcgggg atcagcagcc cctccttgag tgagaagcag     300
tacttcctga ggtggatgga gtggggcctg gcacgggtgg cccagccgcg actgagacag     360
cctccggaga cgcttctcac cctgagacca aagcacgggg gcaccacaga cgtggggggag     420
ccgctctggc ctgagcccct aggggtggaa cacttcttgc gggagatggg acagttttat     480
gaggctgaga gctgtcttgt ggaggcaggg aggctgccgg caggccagag gcgttttgcc     540
cacttcccag gcttggccct ggagctgctg ctgacagggc tgcctctgga gctaatacat     600
gggagcacgc tgagcatgcc cgtccgctgg gtcacagggc tcctgaagga gctgcacgtc     660
cgactggaga gacggtcaag gctggtggtt ctgtcaaccg tcgggggtgcc aggcacgggc     720
aagtccacac tcctcaacac catgtttggg ctgcgggttg ccacagggaa gagctgcggt     780
cctcgagggg ccttcatgca gctcatcaca gtggctgagg gcttcagcca ggacctgggc     840
tgtgaccaca tcctggtgat agactccggg ggcttgatag gtggggcctt gacgtcagct     900
ggggacagat ttgagctgga ggcttccttg gccactctgc tcctgggact gagcaatgtc     960
accgtgatca gtctagctga aaccaaggac attccagcag ctattctgca tgcatttctg    1020
aggttagaaa aaacggggca catgcccaac taccagtttg tataccagaa ccttcatgat    1080
gtatctgttc ccggccctag gccagagac aagagacagc tcctggatcc acctggtgac    1140
ctgagcaggg ctgcagccca gatggagaaa cagggcgacg gcttccgggc actggcaggc    1200
ctggccttct gcgaccctga gaagcagcac atctggcaca tcccaggcct gtggcacgga    1260
gcacctccca tggccgcagt gagcttggcc tacagtgaag ccatatttga attgaagaga    1320
tgctactcgc aaaacatcag gaacggcttg tcgaaccaa aaaaaacat ccagcagctc    1380
attgagctgg tgagacggct gtgagtgtgc agagaaaccc agttcagggt taggaggctg    1440
ctgtgggcag ccctgtctga tggggcaccc gtgtggggct gtgctctggt gcctgagaat    1500
ggctggtgcc caatcgacat gagaagacga gcaaaagaca gagggtttgg agtctcctca    1560
acagtgttaa aagaggaagt gacctcacag accagctcag agatgttacc aagaatatca    1620
cagccccag ggtagggaga caagcagcag tttgttctgt ctcagtcct gtcaaggatc    1680
ctgcggggtg ggccctctgt atagctgctc tctgtcactg gccctggag tgggagcagc    1740
gtccttagtc actgcaggcc caggcgggca ggtggtccca ggacagagggt ggggaagtgt    1800
tcctgaggaa gcagaagtag gccttgctcc cgcccaaccc aagggcctcc agtggaccag    1860
cattcaagat gtgagtgcc gtggtgtgca aggcactccc atggcacctg atttattgac    1920
tgatctgtga aggttccct gaccttgcc caggaagagt tcaactggtc ctctgttgtg    1980
ccccacagca ctttgttata cctctgccac acacttcacg cagcgcgttg taactcatgt    2040
gtttacatgt ctgtccccc agactgtgag ctcttgagg gcagggactg tacattctcc    2100
agctctgtgt cccaggggcc tggcacattg tagacgctta ataaatgtct gttaaataaa    2160
aaaaaaaaaa aagg                                     2174

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<210> 8845
 <211> 945
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (187)...(940)
 <223> similar to gi3876566 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8845
 ttgcgtgtcc ccaggagctg ggagcgggtg accggcggcg gggaagcggc ctgggttggc 60
 cctcagattg cggggtctgg gggcatctcg ccgggcaaac ccttggcccg cctacaagga 120
 cttcccccg ccagagcaat ggccgctgag aacagcaagc agttttggaa gaggagcgct 180
 aagctgccgg ggagcattca gcctgtatat ggagcacagc atcctcctct tgaccacagg 240
 ctcacaaaaa atttcattaa agaacgatca aaagtcaaca cagttcctct gaagaataag 300
 aaggcctcca gttttcatga gtttgcacgg aataccagtg atgcttggga cattggcgat 360
 gatgaggaag aggacttttc ctacacctct ttccaaactc tgaactcaaa agttgctttg 420
 gcaactgcag cccaagttct agaaaaccac agcatgctga gagtaaaacc agaacgggtcc 480
 cagtcaacga catcggacgt ccctgccaac tacaaggtca taaagcccag cattgatgcc 540
 cagctgtgca gaaactctag tgatacatgc ctgaggaacc cactccacaa acagcaatca 600
 ctccctctcc ggcccatcat cccctcgtt gcccggtatc cggtacagaa cgcttctggg 660
 gcccccccaa tgactgtccg ggagaaaacc cgctagaaa aattccgtca acttctctcc 720
 agccagaaca ctgacttaga tgaactgagg aagtgtagct ggccaggggt tcccaggagg 780
 gttcgacctt taacctggag actcctgtcg ggctatctcc cagcaaacac tgagaggagg 840
 aagttgacct tgcagcggaa gcgggaggaa tattttggct tcattgaaca gtattatgac 900
 tctcgaaacg aggaacatca ccaggatacc tacagacagt gtatt 945

<210> 8846
 <211> 2103
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1399)...(2102)
 <223> similar to gill185397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8846
 aatacatgcc tccatttgtt aaaaataatt gttcttttat ttctttggaa agtagtgggc 60
 cctgccttat ggattttcag gtcaaactag ggtaatgaat gctcccctag tctttgggct 120
 ggagcactat ggtcccagct ttcccagggc ccagaagcaa ttctgtatt gtccaacca 180
 agcaactagg acccaaattg tctgaaggct cctatcaggc cttctctcct gaccaccac 240
 ttcccaatct ttcttggtt tccctctggg cagggtatct ttttcttcta aaaccagtgc 300

tggaacctgt	gctgtgcaga	agagaggaca	agacgaggga	tgttcccaaa	ttcccataag	360
aggacacagc	ccctcagtca	gtccttcctc	tctgctggct	tcagtctgca	ctcctctgca	420
agccccact	gtgaggcttg	aagatggaca	agaggaccct	cataaaagg	aggtgagaga	480
aaacacacca	tcccaacccc	tcctcaggac	atactccttg	tagtctcttg	tcctagtctt	540
caaggggagcc	cttcagacag	ggatggggaa	ggctagggtga	gtgggcaagg	gccccctgac	600
cccagccctg	cgaggctata	ccagggggagt	gtccattagc	cccatcagtg	tggcatggcc	660
gtgatgcgca	tgtcttgga	agcgatagg	taagtcacca	tgggagtggt	ggtgtggctc	720
attgtgattc	ctgccaagg	ttggggccatc	gatacagcca	cagggggccac	aggagccaca	780
gatacagcca	caggagccat	ggagacaggt	ggaggtgcca	ttccctgggc	aattgtttga	840
gccagggcag	ctgacagtgg	cgtgatctct	gggtcaagt	gtgggggtgg	gggtggtgga	900
gcagcaggag	gtgcagcatt	agttggggga	gcagctggag	ctccagcagg	ggccaccagt	960
tcttgctggg	acactggacg	aggctgtaga	gcctggctgc	tgagagtagt	gtgagtctgg	1020
gcaatgccat	ggttaaaagt	ggcaacagtg	cccacagtgg	gggccagagt	ctgctcagtc	1080
gctggtgcag	tggagctcag	ggttatgacc	ttggcctgat	tgcggaactg	agcattttgt	1140
tccagtagta	cctcattgg	ggccagcagg	ttgctgacct	gcttctttta	ctcctctacc	1200
cgcttcctga	gcatggcatt	ctcctcctct	agcagtctgc	actccacccc	tcgcggtgga	1260
gccaaactat	attcatatga	ctcaaaatga	gggccatcag	gggggcagca	tccacctcgc	1320
cggcgttttg	ggcgtggctc	atggctcctca	aagcccctgt	caggaaggtc	atagatatca	1380
tagagatcat	gacgtcgtcc	tgggaggact	gagcctgttg	agccccacc	agtgcctcct	1440
ccacccccgag	catcaaactc	aaaatcccgt	tgcaggtgac	ggaacttgca	cttggtcctc	1500
ctctgacagt	cacccttgag	aaagtcacgg	cagataggga	cctcctcctt	gccatttggt	1560
aggtcagccg	gtgaaaggcc	aaggccagct	gctactttct	gcctcagccg	tgggggaagc	1620
tctcctgtct	tcttatagcc	atcctcatcc	tccttggaagc	catggatgaa	acggcaatth	1680
gggcggctac	actccttggt	ctggaagtca	tggcagaaga	tgaactcggt	tttgctcacc	1740
cccaagtttg	acacctcgct	catgtctggg	tggcgatatc	ggcaacgctt	gcctcgcttg	1800
cacacattcc	tcaagaagtc	tctacagatg	gcatctgagc	tggccccgcc	actgcctacc	1860
cctgccccac	tggcctcctc	gctgccacca	cctccagggc	ctccaccgct	gctcccggta	1920
ccgttgggcat	agctgtcccg	gtcaggcatc	ctggtcccg	ccaactcagg	gttttcttta	1980
tcttgccact	cttggtgacc	actgaggtag	ctcaggtgaa	gtccggggct	cctgtgggtc	2040
tccacctcca	catcactgct	gggttctgcc	gccgcccgcg	tagttgctgc	tgccgccacg	2100
aaa						2103

<210> 8847

<211> 689

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (399)...(689)

<223> similar to gil345538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8847

tttttttttt	ttccagtcgg	ggtggagttt	atttctgcca	gagcctggag	gctgggaggg	60
taaaggacac	tcctttagtc	ccagagggaa	gctccgaacc	ctcagagcaa	ccagaaggga	120
gggcagagca	tgggcagcag	caggagtgag	aggggtcccc	ttgtcctgcc	cctttgcaag	180
ggttcaaggc	tgggtggaggc	ctggggcttc	tgtcgctcag	gagttcagg	gtggacgcag	240
aaatggggga	aggagagtgg	ctacgtagag	agtgcagcgc	agattcctaa	aaagatgcac	300
agagagaccc	tcagagaggc	caagaaagat	ggtgagagg	tagggaagga	gagggagggga	360

gagagagaga	gagagagaga	agcagagggga	atggggttgca	ctgggctgagg	atgggtggagg	420
agccgtctca	ctcccttcct	aatgtctata	gatcaataac	gaggggaagaa	aggaggacag	480
ggagctgatg	gaaacacagc	ttgccaactg	tacccagtcc	cccaacaagc	aaggtagctc	540
cagtccttgc	ctccctgcct	gccccgctcc	tctgtgttta	ggggtcatcc	tttgatggga	600
ggttgcaagg	gaccaggtg	ggggtgataa	atgccagagt	cctgcaccat	ttccaaagg	660
caagaagtca	tagggcggt	cgtgccgag				689

<210> 8848

<211> 159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(151)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8848

tttttttttt	ttaaaaaaca	gattctcact	cagttgcccc	ggctgaattg	cgggggcgct	60
gtctaagctc	actgcaacct	ccgcctcccc	ggttcaagg	attctcctgc	ctcatcctcc	120
tgagtagctg	ggattacagg	cgtgtgcacc	atgccccaac			159

<210> 8849

<211> 964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (495)...(946)

<223> similar to gi22092 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8849

cacctgagta	aacactttca	gctgccctcg	agaaatggta	ggattggcta	tgtgctgagc	60
ctagtggcac	tgcagctcat	ggaggcagca	ccggcttcag	gccgctgtgg	ccttggtggt	120
ccctttgatg	gcacggaggt	ggataaatgc	ctgcatcagc	tgacactgag	tttgtggaca	180
ccagggaacct	ctgcagctag	ctgggaaatc	tttcccagga	ggtctccac	cccttccttc	240
tggaacaccc	cctgacgagg	ccaggggagg	aaccctact	ctatgttcta	ctctggtacc	300
tagtgctcac	ggtgagcagg	ctggctcggg	gcagccctcc	tcagagctgg	agcgcctttc	360
aggtgccctc	tgaacagata	ctgttcagaa	tacagataaa	cagatgccac	caaggtcccc	420
tagctgtgca	gtggaggggc	aggtttcaaa	atcagatctg	tctccaaagt	tcctgctctt	480

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aaacaaagct gtcccatctt cccacccctc tccatgggcc tgcctctctc tctaagtacc 540
atatcccaac tctcccagga ctggcatcat cttaagagtc agtgcccttct ctgttcccag 600
ggccccact gactccaacc tgcccacgct cccactaca tgaaccacaga actgttgtag 660
atgatggaac cacctccatg cccatgggta ctgtcctgcc accagcccca gtgggaggca 720
cctctgcctg tccctgtcca accccagtag cccatcttga ccaaggccat gccctgacct 780
gcctccaaga acagaccagc agctcacccc ctagacaaaa tcacttcctc ttttaattgct 840
gttgaagaag attcacacca ctgcctccaa ggagatgggg gggcatttcc cccttgcccc 900
cacctctctc ccctcccca ttacctggtc ctttgcaaac tatttttagcc agaaaaaaaa 960
aaaa 964

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<210> 8850
<211> 1097
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (736)...(1097)
<223> similar to gi5306259 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8850
tcttgttctt cccaacagag aggcccggtg aggttctctc gtcctccatg gggaacagca 60
ttggcctaaa cctgcagaca ccattgcaaa ggggaagtcag ctccaggcaaa cccgctggtg 120
aagaagaatt ccagtgtggg gacacagaga ctgacatttc ttgccatggg tgatttaatt 180
ttgggcctca gtttttcatt cccccctaag agtatgacac agccgcatcc ttgccagggc 240
cggagggagg gtggatggac ttataggtgt tgcttgtggc tgggtgactt gcttctgcca 300
acgagatttt cacagacacg gcacaagcag aagcctggaa tgtgtggcac tgccaggcct 360
gccctcttag gctcttgatt ttccccacga gatatgcgtg cccaggggaa cggcggctct 420
ggctgtggaa tgagaggcgt gtggagcagg catggttccc accctcagcc tagagtcaag 480
gccagactag atcagcctaa gccagccac gccacgggtg cagcagtga gagcaaatgc 540
caactgtcca tgacagtga tttcaaagg gtgtgtcatg tgccctcatc cagcaacagg 600
gaaggcattt ctctatcagt cagttggtaa atgattattg acaatgtgtg ggaaaggggg 660
aacgatttgg agcagaatct ggccctcctc tcttcacgga aacctctcct ttcttacacg 720
cgcaggcccc ctcttcggt tcgaccctaa tcttaacag acctcctacc taccctggc 780
accaatcaca ccctcttcac accaccgtgc aaactacct cccatcccat ctctctcccc 840
atctgctcta cagcctcgc ggaccctaga ccctccttac tcgcgggtca taatcctcta 900
ccatacgtct tccctccac ctcttcacc ccaccctcgc cactccccca tctctatccg 960
cctctctatc tctctctct tctccccacg actacttaact tcacccttcc ctcttccttc 1020
acgccactcc gtctccctct ccacgcctgc cctcataatt taccatcac cctcttcctt 1080
cagggggaaa aactccc 1097

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```

<210> 8851
<211> 3149
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc feature
 <222> (1187)...(3123)
 <223> similar to gil480744 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8851

cacttgattg	cagagaaggt	ctacagagca	gtgggttagaa	cttggccctg	aggacagagc	60
ttttgctccg	tatgaggctg	gcaggtaacg	atcttctcag	ttttctccca	ggaattctgg	120
aacgatgaag	gtgatgattg	tgctgtggc	caagaccggg	agaaccctgg	atccctacac	180
cttccccacc	cctggaatgt	cactatacat	atctgacttc	ttctgatgtt	gcctttgacc	240
ctaaagtcaa	tatgataaag	taacaagaag	ctgggacaga	ggaacaaaca	cagcccactc	300
aagcagtggg	ggcaacattc	tgtagaaag	gaggggagtc	aaagaaaaaa	acaccctcc	360
gcccattctc	ttatcacctc	cctaaagaca	gaggagaaca	tggacaccct	ccatcctgat	420
agacatgcca	tgtggtcagt	ttgtgcggta	aacaggaaaa	aaaaaaaaacc	taaagatatt	480
gtagaccttt	atcttcttta	aatctcctaa	taaaaacatt	aaactttcaa	gaagattcca	540
aactgacatt	gcatagacca	actcctttcc	aaaaatatct	ctgatatact	ctccaactct	600
ctcaatatat	agaatttgaa	gtccaggagc	tgtggggcacc	tgggtgggaat	tcactgagct	660
caaggggaca	agagggctga	ggacagggct	cccacatggg	gacaaggcca	ggctttctgg	720
cctctgggtc	cagccagcat	caatttggtt	gtggccaaat	tctcagtcca	atcacccctg	780
cccagggcct	ggcgtgggag	gatgtggcag	gctctgtctc	cttctggggg	tcctggtctg	840
gaggagtctc	cccaacagcg	ccaaagctgg	ctgttttccg	cccaaagccc	cagaactttg	900
aatgagaggg	aaatctaccc	tgaatgcacc	tccctcctag	gctgggtgag	gtcacgcaga	960
cacagaaggg	caggacagaa	ctccccatct	tctggggggc	aattcgtctg	gacactgtgc	1020
ggtcagcttc	ctttttaaag	tgccagtatc	ggtggggcag	gaaggggactc	tcagggctga	1080
gcagagcctt	ctccagcgcg	agcaaact	ctgtcccggc	tcggcaggca	ccttctaaca	1140
ttcattttct	aagggttagg	tgagtaaaac	aacaacaaca	aatgctggaa	atgctctggt	1200
cccaatgcca	gggagttcca	agaccaagaa	gcccactct	caccagcggg	ggcagatggg	1260
gagctagggg	aggaacccctc	ccagcctggg	gagggcacct	gcacccctcc	cagagagaga	1320
agcccccatc	ccggcccccc	agctggggcc	cagcgctgct	ggaaccagcc	ggcaggtggg	1380
gcagaaaagc	agcacctccc	ctcaccaggg	cgaggaggca	atattgaacc	gtgaactcaa	1440
gaagaaagac	ggaaagaaaa	aatgaaaaaa	gctacagggc	taagtaaaca	ccagcctgct	1500
gggtttatac	aaaatgagtg	aaattttaaa	ggggcaggag	agtttgtcca	gggactggct	1560
ggcagccaga	acccaccttc	aagcaagtta	caaggacttg	ggggaaagtg	ctgagagcag	1620
aggctttagt	agggggcagg	gccagactgc	tccccactgg	gaaagcacac	cccttaaagg	1680
agcccttccc	ccttgcccag	aacgggggat	gcttccagag	gaaggctgag	gcttttctgg	1740
taaggaagcc	agctccggac	cagtcacagc	acagcccacc	tgccctctatg	gcacccgccc	1800
cagtctgggc	agctgacct	gagggcagag	aaggactttg	cttgctccaa	ccttccctgca	1860
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tctcagcacg	ggtctcagac	ctgagctgga	gctaactgga	ggaagaggca	gcacccgttc	1980
ccgcccgggt	gctggaccct	gggcctctga	ctgcacagca	ggcagtgacc	aggagtccct	2040
gggaaggagc	tcagggaaagg	ggaggtgagg	ggccagtggg	actgtgctgg	gggtgagcat	2100
gtgcaaagtg	caggctgcaa	ggcagcggga	ggacatttgc	cggggggagg	caggggtctc	2160
gatctggagt	gtgggtgggg	tctgaggtca	tggctcccag	gaagaggccg	ccagcaggtc	2220
cccaggaca	caaggaaggg	acagctgaag	cactaagcag	tcagacagtc	acaggtggca	2280
ggattccgga	ggcgggtctg	cccccccacc	accagggcaa	gggaacaacg	gagcaaggcc	2340
ctgctgctaa	gacgtgacca	aagccagtgc	tcctggagtg	agtggggaca	caggtagaga	2400
ggccccctca	gccacaggca	tctctacatt	taggagctgc	tgcatgtcct	cagccagagg	2460
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gctacgggga	gtgtggactg	gagtgcattg	aggaggcatg	gatgagatgt	ggcgagagg	2700
tgatctgaag	gggaaagttc	ctcatggaat	gatacaggtc	tggactccag	agaaagcagg	2760

actctttctcc	agccccggaca	cctgctcctc	aatggctttc	aatcacaact	ggctcgtaga	2820
ccccagaaga	gaccctgggtg	gcaagctgga	tgccgctcag	cgtggcagag	ccatcgcggc	2880
tcacgaacag	ccggagggttg	ctgtcctcgg	tgttgctgcc	atctgtgaag	tcctggctct	2940
gcacgatctt	ctccacgatg	gcatccgcat	cgatccgctg	gtcgtccacc	caggtcgggt	3000
ggctctccac	cgagtccttc	ttccgcctga	aagagcgatc	ggacagatgc	aggggccggg	3060
gtggccgcgg	cggtttctcc	gggggccggg	gctcccgtc	actgccctca	gggccctcca	3120
cggtcatgcc	aaggccccca	gaggcgctg				3149

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<210> 8852
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(725)
<223> similar to gil9927 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8852						
ggaggcatga	gagggcactt	gcacagatct	tgtgtctgga	aaggggaagc	gggacagcag	60
gaggctccag	ggagtaacct	gaggaagctg	ccttggtgtg	gtcttggtgc	catgccttag	120
gcggccacca	ggtggcgcca	aaccacacag	cccccgtttc	aggtgtgctg	agctgcaccg	180
ccccagccgt	gcacctactg	cgtgcagagg	gtgcagagcg	cggccggtgc	tcacccgcag	240
cggacaggat	gggggcgtgt	tccccagctg	atgccgtctg	ggccagactc	agatgagagg	300
ccttgcttgc	ctgatggccc	taacttctcc	agcaagctgg	gggccgcggt	atctccttgg	360
ctgcatgtcc	catgctctgc	ctgccaaggg	actagggaag	aagcctcagg	aaggtagaca	420
gatgcacccc	ctatgtctgc	agcacagtct	ccatcccccc	gggctcaggc	cagactgcta	480
gtcctgcctt	tcccttgggc	ccagaccctc	gcagtcccgc	tcctcagcct	ctccccacca	540
atctccagca	gatgtccacc	cccaatgccc	tctgcagcct	cccaccccgc	agcccctgct	600
gaggtcagtc	agcctggggc	ttgccatgcc	tcaaaaacca	tcccatggag	taccttgtgg	660
ccaaacccac	ctgccccgcc	tctgacccca	cctgtcctgg	ctctgacccc	acctgccccg	720
gcgc						724

```

<210> 8853
<211> 1841
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (973)...(1841)
<223> similar to gi4689262 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<400> 8853

cagttttgga	aaagtgagct	ctcggttctg	ctctgagatg	ggcagagaag	atgcggggcca	60
ggagacttac	tcaggtggga	ctggggcacag	ggcaggtatg	tgggaggctg	ggctgcttag	120
tgtcttctag	tcacctctgc	ttgggctgat	tgacagaggt	cagtcattac	agccccctat	180
gcctcttcca	tgggaacaaa	tactgtgcag	atgtttgtaa	gttaaacata	agacacaggg	240
gctgttgctt	ttgaacagaa	ccctatatta	ctctcctggg	atctgagttt	ctgcaggtca	300
tttgtatgta	ggaccaggag	tatctcctca	ggtgaccagt	tttggggacc	cgtatgtggc	360
aaattctaag	ctgccatatt	gaacatcatc	ccactgggag	tggttatggt	gtatccccat	420
cttggctggc	ttcagttttt	gctgtagccc	tagagcactt	tgtttgtggg	aggctggcct	480
cttgccctacc	tccttgcatg	gacaggggga	tgaatattta	ctttcccacc	tccttgcttt	540
ttctttcact	gataccactg	aatggaactg	gtgctgtgac	tcctgctgct	ggggatttat	600
gtcccagagac	cttagcctgg	ctgagtggag	cctgagacct	gcacaacagc	tcatggtcac	660
gcatgagaga	gaagtggctg	gccacagcca	gagggaacag	taacagccca	ggggccttta	720
ttttgggaaa	ggctgtccgg	ggctgttact	gtctcttctg	gttataaagc	agacatgtgg	780
ccatcttttc	cgcagggtta	gagtgggctc	ctttcttttt	ggaatccttt	tcttctcctt	840
tggtagcagc	tcctgcctc	cagggccttc	gccaccagcg	tctctgctgt	gttgcgagc	900
gcagtggggg	gcaagggtct	tgtttctgcc	ctgcctgaaa	gagagggtct	tggggatgga	960
gatgagaaac	aacacgctct	ccttcagaca	atgaggcatt	ctgtcctcct	gctgccctat	1020
cttcatctcc	actgagagcc	cagagtctgg	taggagccga	agttgccaca	ggcattctgc	1080
attgctctac	tcttaggttt	gtgtgtgtga	tccttcccct	ccctgttcgc	ccactcctcc	1140
ctcctctggc	tattcctaac	cctgttctgt	ggggctcttt	taataaccag	cctatgggtg	1200
tggggaattg	ttcatgggca	tttagttcca	gagtggaggg	gctttggtcc	tgaataaaaa	1260
tgcaagtatt	taagattggt	gttgcaattt	gtgtctaaca	agctgtagca	gagaaggagg	1320
gagtgcgcgc	tggcagtatt	tcctttcata	aatcatgaat	ttatcagtgt	ggaaataatg	1380
cttcagaact	gtgctctgta	gccctcctgc	attgtgtgtg	cagctcaagt	tcaccactgg	1440
aggaaggatt	gtcttccaaa	gagctgggat	ccaactcttc	tcacagttct	gggcgtgaac	1500
cttggttaggt	atactttacc	tgatgctgct	tcctatcctc	cagtctgtct	gaggtgccag	1560
gtgctgaaag	agaaataaag	tttgtcaaca	ggcagatgca	aagccctggc	tgggtattcat	1620
ccctctttcc	tgccgcctc	ccctgggtct	ctcctttata	tgatgcagca	gagcaaggcg	1680
aggatagaaa	acctacagag	gcaaatccaa	aatgtcagaa	gaagttcatt	taaaaggggga	1740
aaaaaactcc	atgtgcaacc	ctcacaaaaa	cccagacagat	gctaagctaa	tggcatccgc	1800
tctgccgatt	ggtggggatg	gctcatgaat	attaatgagc	t		1841

<210> 8854

<211> 1301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (606)...(939)

<223> similar to gi2072964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8854

agaaacatct	ttcagggtatt	aaggagaaga	tcaaaacagt	ttcagattaa	gaaaagctaa	60
ggacatctct	gaccagcagt	tctaccctaa	aagaagggtc	aaggggagtt	ctctagacgg	120
aaaggaaaatg	attaaagaag	gaaccttggtg	acatcggaag	gaaagaaaac	agcaaaaatag	180

gccttccttc	tcctcttgag	ttttctaaac	tatgcttgac	ggtttcagaa	aaaaatcata	240
gcaccattca	atgtggttct	aactctccat	aaagaaaatg	tttgaaatgg	ttataaactg	300
ggagggtaaa	gagacctaca	agggaggtaa	ctcgtctatc	attcactcaa	attggtaaaa	360
caatgacacc	agtataccgt	gtgggttaaga	tatagatgca	cagatatacg	aatgtctgga	420
aaaaccaaga	gggctataca	aacagacata	ctcaaaaagca	ctatggataa	ggcaaaacac	480
cattctcaaa	gatgttcaag	tcatgacagg	aaggtaagaa	aaagaaaagca	tatccagaaa	540
acgaaaccag	ggagaacaaa	cagaaaaagga	aaaataaaaat	ggcagattta	agccctacca	600
tgtcaatatc	attaaatatc	aatggcctaa	gtataaccagt	tgcaagacac	aggctggcag	660
agtaggttaa	tggacacgaa	ccaactacat	actggctaca	aagagactaa	cttcaaatat	720
gatgatacag	gcaagttgaa	atgaaaaggg	tgggaaaaga	tatatcatgc	aaaccttagc	780
caaaggaaaag	caagactggc	tatattaatg	ccagatatag	tatatttcag	aacaaataaa	840
ctaatacagag	agagagaggg	acgtttataaa	atgatgaaag	gaccaatcca	ccaaccctc	900
ccctgacgag	gccggttgag	atgtgtgaaag	cagctctggc	taacagcggg	tagggagagg	960
gcgcgcggga	cccaggagcc	tccgtgcgga	gccaggcctc	aggagcagcc	gccttggtcc	1020
tggaaaggggt	gcctccctcc	atcttgctctc	caaagactgt	agggagacct	tctcgcgccg	1080
taggaaagcg	acgtctccca	tgttttccca	ccacgcaggc	cttgtggcct	ttctcctgct	1140
agtgtctgcc	ctccaacctg	cgggggctgc	ggctgccacg	gttccacgct	gggtggacgc	1200
tgctgccccg	ggatccaaga	cccgccgttg	caggcgggag	ttggggagtc	gtgtgcagg	1260
ccgaaggaga	ccaagctct	tggccaaggc	ttttttgctc	c		1301

```

<210> 8855
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(137)
<223> similar to gi403460 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8855						
tttttttttt	ttgagacagg	atttaattcc	ctttgaccag	gctggagtgc	aatgcaatgt	60
tggctcactg	cagcctctgc	ctcctggggc	tcaaagtgat	tctcctgcc	cagcctcctg	120
agtagctggg	actacaggcg	cacaccacc	gtgccagct	aatttctggt	atTTTTTTTT	180
ctttttgtag	agacagggtt	tcgccatgtt	gccaggctg	ggtttcaaac	acctgggctc	240
aagcagtctg	cctgcctcag	cctcccaaag	tgctggtaat	actgcacctg	ggcctgtggt	300
accttattta	tctttgtatc	tctagtcctt	tgcaaccattc	agcctcaata	aagggttggtt	360
g						361

```

<210> 8856
<211> 1311
<212> DNA
<213> Homo sapiens

<220>

```

```

<221> misc_feature
<222> (1)...(1312)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (619)...(1311)
<223> similar to gi5712203 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8856
acaaaaccaa gatgctggtt aggcagggtt cttctcttat ctggaaagaa tcctcttggt      60
tagggtggtg gaagaatccc cgtcgcccc tcagttgtga ctgaggtctt ggtttccctg      120
ctggccgcca tctggggcct cagctccttc aaagtgccca ggttccttcc catgtgtgtc      180
ctctccccc ggtgtccggc caccctctca tccccctcgt atttcaaate tcaacttcta      240
ttctgtcacc agccagagaa ggctctctgt gttgaacact cctgtgattc cagtggctgc      300
accagatcc tccggggcgt ttccccctccc ttaaggattc ctatgccatg taacagcaca      360
ggcatgggtg tgatctcacg tgttcacagc ttccggggggc taggatgaga catgcttggg      420
ggcggggggc acttaaaaaat gtgcctgcac tgtgggcgtg atgctctgca ctgtggaagg      480
aaaaggagtt aaatgagaaa tgatggtggg cgtgagcct gagcagcgcc gctttgtgcc      540
gcagcatcaa cctgtgggaa atggcggagt tcctgctgaa acaggacgtg gtcaacgcca      600
tcaacctgga tgggggtggc tctgccacct ttgtgctcaa cgggaccttg gccagttacc      660
cgtcagatca ctgccaggac aacatgtggc gctgtccccg ccaagtgtcc accgtggtgt      720
gtgtgcacga accccgctgc cagccgcctg actgccacgg ccacgggacc tgcgtggacg      780
ggcactgcca atgcaccggg cacttctggc ggggtcccgg ctgtgatgag ctggactgtg      840
gcccctctaa ctgcagccag cacggactgt gcacggagac cggctgccgc tgtgatgccg      900
gatggaccgg gtccaactgc agtgaagagt gtcccccttg ctggcatggg ccgggctgcc      960
agaggccttg taagtgtgag caccattgtc cctgtgacct caagactggc aactgcagcg     1020
tctccagagt aaagcagtgt ctccagccac ctgaagccac cctgagggcg ggagaactct     1080
cctttttcac caggaccgcc tggctagccc tcaccctggc gctggccttc ctctgctga      1140
tcagcactgc agcaaacctg tccttgctcc tgtccagagc agagaggaac cggcgctgc      1200
atggggacta tgcataccac ccgctgcagg agatnaatgg ggagcctntn gccgcagaga      1260
aggagcagcc agggggcgcc cacaacccct tnaaggactt aagnctnaaa g                1311

```

```

<210> 8857
<211> 1324
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (496)...(0)
<223> similar to gi2565196 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8857
cgattccgga gagggagcct gagaaacggc taccacatcc aagggaaggca gcaagcgcg      60

```

```

aaattaccca ctcccgaccc ggggaggtag tgacgaaaaa taacaatata ggactctttc 120
gagggcctgt aattggaatg agtccacttt aaatccttta acgaggatcc attggagggc 180
aagtctggtg ccagcagccg cggtaattcc agctccaata gcgtatatta aagttgctgc 240
agttaaaaaag ctctgtagttg gatcttggga gcgggcgggc ggtccgcccgc gaggcgagcc 300
accgcccgtc cccgcccctt gcctctcggc gccccctcga tgctcttagc tgagtgtccc 360
gcggggcccg aagcgtttac tttgaaaaaa ttagagtgtt caaagcagggc ccgagccgcc 420
tgataaccgc agctaggaat aatggaatag gaccgcggtt ctattttgtt ggttttcgga 480
actgaggcca tgattaagag ggacggccgg gggcattcgt attgcgccgc tagaggtgaa 540
attcttggac cggcgcaaga cggaccagag cgaaagcatt tgccaagaat gttttcatta 600
atcaagaacg aaagtcggag gttcgaagac gatcagatac cgtcgtagtt ccgaccataa 660
acgatgccga ccggcgatgc ggcggcgtta ttcccatgac ccgcccggga gcttccggga 720
aaccaaagtc tttgggttcc ggggggagta tggttgcaaa gctgaaactt aaaggaattg 780
acggaagggc accaccagga gtggagcctg cggcttaatt tgaccaaca cgggaaacct 840
caccggccc ggacacggac aggattgaca gattgatagc tctttctcga ttccgtgggt 900
ggtggtgcat ggccgttctt agttggtgga gcgatttgtc tggttaattc cgataacgaa 960
cgagactctg gcatgctaac tagttacgag acccccagagc aggagaacag cactgtaggc 1020
atgaagatcc aggaggagct gcaacgttcc gggggcctgg accacctcgt actctacca 1080
ggagaatggc ccgtgagtgca caacaccatc atgcacatcg caaccgccga ggccctcacc 1140
acagactact ggtgcctgga tgatctgtac cgggagatgg tgagatgcta tgtggaaatc 1200
gttgagaagc ttccagaacg ccggccagac ccagctacca ttgaaggctg tgctcagcta 1260
aagccaata actaccttct cgcctggcac acaccgttca atgaaaaagg ctcagggttt 1320
ggag 1324

```

```

<210> 8858
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (213)...(528)
<223> similar to gi545998 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8858
tttcgtggct tgggtctggc ttgttccctt ccggctcgaa ccacctcttc tctgagccga 60
gccagctacc ggggctcctg gaattgccac cctcccttgg gcaccttga ggcctccgtg 120
gagggacgtc acggggcaga gcgggacgtg agcctgagtt tgctgcaggc gtgctctgtg 180
tggtagctgg gttctgcaa tccccgtgcc caccgggtgg gcgcggccgg gaagctcctg 240
ccccctcctg ctggtcggcg tcacgcgtga cgtcccgcgt gatggctggg agggcccggc 300
ggcgacagcg gaggcagaga ggaaggcggg tctgagagct tcagagagct atggaaagca 360
aaatgggtga attgccttta gacatcaaca tccaggaacc tcgctgggac caaagtactt 420
tcctgggcag agcccggcac tttttcactg ttactgatcc tcgaaatctg ctgctgtccg 480
gggcacagct ggaagcttct cgggaacatc tgcagaacta caggtgacca cccctcaatc 540
tgaccctgtg tgccaggatc tcattttctg tgattaatat aatatgtttt gtacctgcct 600
cctcaagctt gacagtgacc ctgtccctca atccccac tctctagccc cgtctgttgg 660
catcacagag ctttaacca aaggatttta gggcatttgg gttgagaaga tggcattgat 720
att 723

```

<210> 8859
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (234)...(517)
 <223> similar to gi2315665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8859
 cccacgcgtc cggagcactt tatttttttt caagttatnt tttgcattgt tttggagtag 60
 cttcgaataa taaacacata tttctgcttt aaatttttaa tagttaacta cattcatggg 120
 acaaccaaag caagaaagcc tcatgttttg ggggaaagtt tgatatcagc aatgtccaga 180
 caagagccaa agatgttttg cttgctctat gttacaagtt ttgccatttg tgccagtggg 240
 caaccccggg gtaatcagtt gaaaggagag aactactccc ccaggatatat ctgcagcatt 300
 cctggcttgc ctggacctcc agggccccct ggagcaaatg gttccccttg gccccatggg 360
 cgcctcggcc ttccaggaag agatggtaga gacggcagga aaggagagaa aggtgaaaag 420
 ggaactgcag gtttgagagg taagactgga ccgctaggtc ttgccggtga gaaaggggac 480
 caaggagaga ctgggaagaa aggacccata ggaccagag 519

<210> 8860
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (353)...(644)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8860
 atttcttttt cttgtctaata tgctctctct tgatagtact tccagtacta tgttgaatag 60
 aagtgggtggg agtgggtaat aactgatttt taaatgtaca aacatctgaa aaggacacct 120
 caccaaagaa gatatacata tggaaaatag gcatatgaaa agaagctcaa ggtgatatga 180
 gttgtcttcc aaaaggtaat gaaaaatgca tattatgaaa aaattatgga gtccaaatnt 240
 ttataccaa aataagctca tactaacttg ttataacatg cctgaacagg atgtagtntg 300
 aggcactaaa aaggtaaagac gtaagtttga aaagagcacc tgtcagagca acataaattc 360
 tactaaaatt gaagcaaaac caaacatcaa atttagtgtg aagcttgggt ggaagaatgg 420
 taaaatcatt gatgctttat gagaagttta tggggatgat tctccaaaag aaatcagcag 480
 tttgcaaaca gataactcat tttaagaagg gatgagatga tgctgaagat gaagcacata 540
 gcagcaagcc ttccacatcg tttgaaaaaa aaattgaaaa aaattatgtc catgccttaa 600

ttgaagaaga acaagaatta acagcacaaa caatagtcaa c

641

<210> 8861

<211> 2025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1086)...(2025)

<223> similar to gill196432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8861

tttttttttt	tttgaagaat	tcaagttagt	tttattcaaa	ggtcttactg	agaatcctag	60
accaggtcc	cagcccggga	gcagccttag	agagctcctg	tttgactgcc	cggtcagtg	120
tctcgccca	ctgcttggtt	acgggggccc	gggtcagga	cctgcacagt	cacatccatc	180
cagactggct	ccgaagttac	attacagcag	aatcaacatc	aagggtttgg	gcataagagc	240
acttctgggt	acagattaca	gaaggcataa	tcgctaacct	tgggccaaca	ttttctcatg	300
tgacgaaaa	acccaaggga	ccagggtcct	tcacctttta	aaggaatata	agttgactca	360
ggcaaaaaga	cgcggggccc	tgtgttcttt	cctgttttgt	tttcaaagcg	tctctctgga	420
gagctgcagt	gtcacagagt	aaggggccac	agaaatgagc	acacacttag	gtttgctgct	480
gacacgccct	gcctctcctc	atgtggttca	tgtggccatc	agccggggct	gaagaccctt	540
ggcacacacc	tgacccccaa	acggactaca	ggtgccgctt	tcatttcaac	tctcacccat	600
ttagggttcg	gagccccaca	cccacttaac	cccaagccca	gtggcaaagc	ttcctgagag	660
gcccggaaac	gccagccatg	agttctacac	cacccccact	gtcctcctga	aaccctgctc	720
ccccaaagac	aggccttact	gaggacttgg	tggggtgctg	gtcaggaact	gcccgggtctt	780
tggggagggg	gtgctggctg	tccgcctggg	gagagcctgg	gaaaggcatg	caggcagatg	840
tggttggagc	tccgactctc	tgactcttgg	gcttaggtga	gtcctcagca	ggtgccctgc	900
actcctggtc	ccctttccca	gccagatcac	tgctcagcat	ctgcagagtc	aaggaggact	960
ctcccaaaac	catgcacggc	cagatggccc	aagttaaaag	aagatgccag	tgactaaaag	1020
caggagtga	ggcagggacg	ttctcagaga	cctcacacac	atcaataaaa	tcccgtgaac	1080
gacggtatgc	caacagatga	gataacatgg	acgaaacgga	aaaactccaa	gaaacacaca	1140
agctagcaac	tgactcaagg	atggacaatc	cgaacgatct	ataacaaata	catagattga	1200
atcgaatcaa	aatcctccca	aagacccaag	accagatagg	cttactggca	aattctacca	1260
aaggttctag	caagaattaa	caccaatctc	tctcttccaa	aaaaaacgga	ggagagaaca	1320
tttcctaacc	caatctatga	ggctaataat	atcctgatata	caaaacccaa	ggaagacatc	1380
ataagaaaac	accagacca	tatcccttat	aaatacagat	gtaaaaatcc	gcacccaaat	1440
acaagcaaat	cacattcagc	agcagagtaa	atggattata	caccatgacc	gagttagatg	1500
tattccacaa	atggaaactg	gctcaacata	tgaaaatcaa	tcaatgtaac	acctcatatt	1560
aacagaagaa	cacaggatct	tttcaataga	ggccagaaaa	gcatttgaca	aatccagta	1620
ccctttaagg	ataaaaacac	ttaacaaatt	aggactagaa	gggaccgtct	tcagctggat	1680
gaagagcatc	cttgaaaatc	taacagctca	catcacatct	agtggtgaaa	gactgcaaac	1740
gttcccttaa	gatcaggaac	aagacaagga	cgtgtgctct	caccaccacg	ttcgatcagg	1800
aacgacacga	ggacgtgtgc	tctcaccacc	gcgttcgatc	aggaacgaga	cgaggacgtg	1860
tgtctcacc	accgcgttcg	atcaggaacg	agacgaggac	gtgtgctctc	accaccgcgt	1920
tcgattcagg	aacgagacga	gggacggttc	cgctctcacc	accgcgttcg	atcaggaatg	1980
agacgaggac	gtgtgctctc	accaccacgt	tcaacaaagt	gctga		2025

<210> 8862
 <211> 1816
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1572)...(10)
 <223> similar to gil59714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8862

taccgagctt	ggacgaagga	gaggcggagg	ctcaggccat	ggtgctggag	atgtttcgag	60
aggaggacta	ctacaacgat	gatgttctgg	accagatggg	cgccagtatc	ctgggcgtgg	120
agggcccccg	gcgccaccca	gatgagcccc	ctgaggatga	agtcttcgag	ctcttcccca	180
tgttcatggg	ggggcttctc	tctgccca	accgagctgt	gctagctcag	cttggctgcc	240
ccatcaagaa	cctggatgcc	ctggagaatg	cccaggccat	caagaagaag	ctgggcaagc	300
tgggcgggca	ggtgctgccc	ccatcagagc	tccttgacca	cctcttcttc	cactatgagt	360
tccagaacca	gcgcttctcc	gctgaggtgc	tcagctccct	gcgtcagctc	aacctggcag	420
gtgtgcgcat	gacaccagtc	aagtgcacag	tgggtggcagc	tgtgctgggc	agcgggaaggc	480
atgccctgga	tgaggtgaac	ttggcctcct	gccagctaga	tcctgctggg	ctgcgcacac	540
tcctgcctgt	cttcctgcgt	gcccgggaagc	tgggcttgca	actcaacagc	ctgggcccctg	600
aggcctgcaa	ggacctccga	gacctgttgc	tgcatgacca	gtgccaaatt	accacactgc	660
ggctgtccaa	caaccgcgtg	acggaggcag	gtgttgccgt	gctaattggag	gggctggcag	720
gaaacacctc	agtgaagcac	ctgtccctgc	tgacacggg	ccttggggag	gaaggcctgg	780
agctgctggc	tgcccagctg	gaccgcaacc	ggcagctgca	ggagctgaac	gtggcgtaca	840
acggtgctgg	tgacacagcg	gccctggccc	tggccagagc	tgcccgggag	cacccttccc	900
tggaaactgct	acacctctac	ttcaatgagc	tgagctcaga	gggcccggcag	gtcttgcgag	960
acttgggggg	tgctgctgaa	ggtggtgccc	gggtggtggt	gtcactgaca	gaggggacgg	1020
cgggtgtcaga	atactggtca	gtgatcctca	gtgaagtcca	gcggaacctc	aatagctggg	1080
atcgggcccc	ggttcagcga	caccttgagc	tcctactgcg	ggatctggaa	gatagccggg	1140
gtgccaccct	taatccttgg	cgcaaggccc	agctgctgcg	agtggagggc	gaggtcaggg	1200
ccctcctgga	gcagctggga	agctctggaa	gctgagacac	tggcggcagg	cacctagcta	1260
tgtgaccact	ggccctaaac	cttttccctc	tgtggcctcc	tggcttgcac	tgctccctct	1320
agaaagattc	cttcaggtct	ggaggcagag	gaatgggcat	agctgagcca	gttgccctcc	1380
tagggcatgt	ttgaccagga	ctgagctctg	aatctccaag	ttaaagatgg	tgaatcaatg	1440
cttcggggctt	ggagatggaa	catgcctcct	ctccattcag	ctagaaggac	caaagcatgt	1500
ggcatttgga	tggccagagt	gccctgaagc	accactacca	accttgcttc	cccctcctct	1560
caaagagcct	ctgatttgtg	caccaagggg	ctcacatctt	atgtctgcca	tgccaggggt	1620
gtcgccatcc	agatgtgttg	gaagcttccc	ctcctgcctt	atgtcacct	gtggacaccg	1680
aggatgccct	cacattggtg	ctttctcctc	atcctcatgc	cccctttgcc	acaatggtat	1740
gatggcttgg	tagccctctg	aggcagatgc	acctgacttg	ctgctattaa	aaagccgtgt	1800
gccttcaaaa	aaaaaa					1816

<210> 8863
 <211> 2044
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2045)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (156)...(2044)

<223> similar to gi4140326 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8863

cccacgcgtc	cgcaactgtg	tcctgaactg	aagagctgtg	tttttcagga	agacttggcc	60
aggccgtgtt	ccgtgtctct	ggattcaagt	cccaggagtc	ctgaccagag	agcaggcatc	120
agtgtttttc	tgaccgaagt	tctcatttcc	tgacaatgga	aatggaacaa	gaaaaaatga	180
ccatgaataa	ggaattgagt	ccagacgcgg	ctgcttactg	ctgctcggcc	tgccacggcg	240
atgagacctg	gagttacaac	caccccatcc	ggggccgggc	caagtctcgc	agcctgtctg	300
cctcgcccg	cctggggagc	accaaggagt	tcaggaggac	acgctctctt	catgggccat	360
gcccgggtgac	cacttttgga	ccaaaggcct	gtgtgctgca	gaacccccag	accatcatgc	420
acattcagga	ccccgcgagc	cagcggctga	cgtggaacaa	gtccccaag	agcgtccttg	480
tcataagaa	gatgagagat	gccagcctac	tgacgcggtt	caaggagctc	tgacgcacc	540
tcattggagga	gaacatgac	gtgtatgtg	aaaagaaagt	gctagaagac	cctgccatcg	600
ccagcgatga	aagctttggg	gcagtgaaga	agaaattctg	tacctttcga	gaagattatg	660
atgacatttc	caatcagata	gacttcatca	tctgcctggg	gggagacggg	acgctgctgt	720
acgttccctc	gcttttccag	ggcagcgtcc	ctccggtcat	ggccttccac	ctgggctccc	780
tgggcttcct	gaccccatte	agctttgaga	actttcagtc	ccaagttact	caggtgatag	840
aggggtgagtt	ggaatgttct	ggagcccaca	ggagctctga	tcatggcgct	gctgtctcgc	900
ttgcttgccg	ggggtttatt	ttcatttaat	gatgcatgga	gcaacattta	aaggtttcaa	960
gattcagggga	tttctaaatc	ttgagtgggt	caaacctttt	actgacactg	agaagtttca	1020
gcagatcaca	ggttgaagct	gccatgtgtg	ttgggcagaa	gtgagctgat	tctcactctc	1080
agaaggcaca	gaagtgtcgg	ccgggcgcgg	tggctcacgc	ctgtcatccc	agcactgtgg	1140
gaggtcgagg	cgggcgggatc	acgaggtcaa	gagatgagac	catcctggcc	aacacggtga	1200
aaccccgctc	ctactaaaaa	tacaaaaatt	agctgggctg	ggtggtgcgc	acccgtagtt	1260
ccagctactt	gggaggctga	ggcaggagaa	tcacttgaac	ctgggaggca	gaggttgacg	1320
tgagccaaga	tcacaccact	gcattccagc	ctgggtgaca	gagtgagact	ccatctcaaa	1380
ataaaaagaa	aaaggcacag	aagtgtgtca	acttgggaga	agaaagagcc	ctctgactcc	1440
cactggcctc	cctgggggtg	ggcccctgac	cccacttgac	ttccctgatg	gcattgccct	1500
cttgacttcc	tggctgggac	cttcagggaa	cgcaagctgt	tgtttcttcc	gggagttcgg	1560
cttgaagggtt	caggggtggtt	gaaggggagct	ccggggggga	aggaaggacg	ggccgttgca	1620
caatgggctg	ggtgagaacg	gcgtcgcagg	ctgcaggcct	ggaacaatgg	atgtcgggaa	1680
gcaggccatg	cagtaccagg	tcctgaatga	ggtggtgatt	gacagaggcc	cctcctccta	1740
cctgtccaat	gtggatgtct	acctggacgg	acacctcatc	accacggtgc	agggcgacgg	1800
taaggcccg	agcacttgct	ctggggggccc	tgagcgttcc	tcgggcggga	gtgacgcctg	1860
cgctgtccc	tgtcaggagt	gatcgtgtcc	accccgacgg	cagcacggcg	tatncggccg	1920
cggcgnggcc	tccatgatcc	acccaacgt	gccggcaatc	atgatcacgc	ccatctgccc	1980
ccaatcgctg	tcntttcggg	cccatcggtg	ttccccgagg	ttcgaagctn	aagatnattg	2040
ctgg						2044

<210> 8864
 <211> 2139
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (315)...(1731)
 <223> similar to gi3004653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8864

gagaaggaaa	cccaggctcg	gagaaggggc	ggttcctgct	aaagattgca	cagccaatgg	60
agggcagagc	agaattggga	cccaaggctg	ggggcccca	gttggaaagt	ccctccagca	120
agctggccct	gacacctgga	gccccagctg	ccagcctggg	aggggctggg	acccaatctc	180
ccccaagatt	aggccgggga	tgtctccac	cttactctg	acatcccaga	ccccgacccc	240
ccagccacgc	aggaaggggg	atctgagtgt	ggaacacacg	ggtgccctcg	gaggtctgat	300
gtcacccct	tccccaggcc	ttgttgctgg	tggcggcctt	ggcgggcctg	ggcttgggcc	360
tgagcctcat	tttcatcgct	gtctacctca	tccgcttctg	ctgctgccgg	ccccccgagc	420
cccccgggtc	caagatcccc	tgcgccgggg	gaggtctgct	cacctggagc	tgcatgtctg	480
cccttctcgc	cggctgcact	ggcattggca	tcggtttcta	tggcaacagt	gagaccagtg	540
atgggggtgtc	ccagctcagc	tctgcgctgc	tgcacgcaa	ccacacactc	agcaccattg	600
accacctggt	gttgagagc	gtggagaggc	tgggcgaggc	ggtgaggaca	gagctgacca	660
ccctggagga	ggtgctcgag	ccgcgcacgg	agctggtggc	tgccgcccga	ggggctcgac	720
ggcaggcgga	ggctgcggcc	cagcagctgc	aggggctggc	cttctggcag	ggagtgcctc	780
tgagccccct	gcagggtggct	gaaaatgtgt	cctttgtgga	ggagtacagg	tggctggcct	840
acgtcctcct	gctgctcctg	gagctgctgg	tctgcctctt	cacctcctg	ggcctggcga	900
agcagagcaa	gtggctggtg	atcgtgatga	cagtcattgag	tctcctgggt	ctcgtcctga	960
gctggggctc	catgggcctg	gaggcagcca	cggccgtggg	cctcagtgc	ttctgctcca	1020
atccagaccc	ttatgtttctg	aacctgaccc	aggaggagac	agggtcagc	tcagacatcc	1080
tgagctatta	tctcctctgc	aaccgggccc	tctccaaccc	cttccaacag	aggctgactc	1140
tgtcccagcg	agctctggcc	aacatccact	cccagctgct	gggcctggag	cgagaagctg	1200
tgccctcagtt	cccttcagcg	cagaagcctc	tgctgtcctt	ggaggagact	ctgaatgtga	1260
cagaaggaaa	tttccaccag	ttggtggcac	tgctacactg	ccgcagcctg	cacaaggact	1320
atggtgcagc	cctgcggggc	ctgtgcgaag	acgccctgga	aggcctgctc	ttcctgctgc	1380
tcttctccct	gctgtctgca	ggagcgtgg	ccactgccct	ctgcagcctg	ccccgagcct	1440
gggccctctt	cccacccagt	gacgactacg	atgacacaga	cgatgacgac	cctttcaacc	1500
ctcagcagga	atccaagcgc	tttgtgcagt	ggcagtcgtc	tatctgagcc	cctcctcccg	1560
gctggactgg	agcctggctc	ccctcttcgt	tccttccctg	gctgccggag	gagacccac	1620
taaccagcc	tgctgggct	ctgaccacta	acactcttgg	ccatggacag	cctgcacagg	1680
accgcctccc	tgctcttggc	cactgtgctc	ccatttctgt	ccttggcctt	gggagtagct	1740
gagggggcag	actagggagt	agggctggca	ggggaggggg	cagacagcct	cgccctgcac	1800
ccttcatccc	tggctgccgg	tcccatcctt	ggaggggacta	agctgggggt	gggggacatg	1860
agtccccctg	ctgccccctg	cacatcccag	tgggctctga	ccccctgac	tcaactcgtg	1920
gcactaactt	ggaaaagggt	tgatttaaaa	taaaagggaa	gactatttta	caagcagctg	1980
ggctcctcctt	atttctcctc	tcccttgatt	cggcctcctg	gccagggctg	ggacatcctc	2040
cctgctgtcc	tctctcccc	ggcctcccag	ctgccaggaa	tttctgcgcc	tgtccaggct	2100
cagcaagggg	tccaaagaca	ttgttcttta	aaaaaaaa			2139

<210> 8865

<211> 481
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (421)...(483)
 <223> similar to gi3043632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8865
 gcccgacgtt gcatgctgcc gggcgccatg gacgcgggat tttcccggtt cgacgatttc 60
 gtggctttctc cagtcgcgtc tttctcactc actggggagc ccggcgggtg cggcaccttt 120
 cgaggtagac ccgctgagct gctagcccgc cggccagcga gtgagaggtc ggacagactg 180
 tggagccgac agactgaagg acagcggcac cgccagacgg ccagaaagtt ccgccatgag 240
 ctggggcacg gagctgtggg atcagttcga cagcttagac aagcatacac aatgggggaat 300
 tgactttcttg gaaagatatg ccaaatttgt taaagagagg atagaaattg aacagaacta 360
 tgcgaaacaa ttgagaaatc tgggtaagaa gtactgcccc aaacgttcat ccaaagatga 420
 agagccacgg tttacctcgt gtgtagcctt ttttaatatc cttaatgagt taaatgacta 480
 t 481

<210> 8866
 <211> 1047
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1036)...(930)
 <223> similar to gi2370202 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8866
 tttttttttt ttcatttgta ggattgactt taataaacacg cctctactga acaaattggcg 60
 attaaactggg gaaaacggaa ttatggtaac cgaggtaacg gggtcgggga ctctttctcc 120
 ttgctgcat gctgggtggc ggggagagac cgctctgagg aggtttggtc tgtcggccac 180
 cccgtaggcc ggggggcatt ttgggtcctg gcaatatggc gtccctccttg atgggctgat 240
 gagatgagtt tcaactgtagc tccaaaccag agggcaaagc tcccatgacc caataagccc 300
 acattgtccc tttcctccgt ggttccgtgt cggccgtttc tcaggactcg ttctcaggca 360
 ggagagagcc tcggggctga aggccaggac cagccaggcc gcgcggacct gaggttgagg 420
 aaccgggtgc aggcgagcac gatgggccgg tcgtggctct ggttgacgca gctcagacga 480
 gtgcgggacc cgcagggctg agagtggctg gaggagaccc agggcccttt gaaccgatc 540
 ccttggccgg agacctcagc ccagtcggcc cagtgggcga accggcacca agagcggcct 600
 gcctgtcttc ggaactgctg aggcgggtga ggccgagagc aggggtcatcg tgaggcctga 660
 agtctcttac gcttttgga gctccccctc cagccccctc ggaaacgtac agcctcagga 720
 gcagccagtg gcttgagacc tgggggtggg tgtgtctgcg gagcttcttg ggctgcccc 780
 tttcctagcg gccccacct cccacttcc cgctcagagt tagagataag gatctcagac 840

ttttgcctga	gtaaggggtct	ccgcactctt	tatccatttg	gttttcgatt	tcccgttttt	900
gtttcttatt	tcaccaattc	tgggacacgc	tagtttttaa	ggctggaggt	tctcgagcgc	960
ttgctgccaa	ggactcccc	acccctccc	ccactgatgg	agtccgaaat	gctgcaatcg	1020
cctcttctgg	gcctggggga	ggaagat				1047

<210> 8867
 <211> 1196
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (272)...(1196)
 <223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8867						
ccggccggat	tcctggggcga	catttccgca	ctgggcgcg	gagagctgct	agggcggttt	60
ctctgcctcg	ggcctgttgg	gcagggccgg	ctaaggtg	cgtgctcgct	ggttctaacc	120
cttctgttgg	gcgtttctgc	ggagaggcgg	gaggcgctga	gagtcgtg	ggaggtccat	180
gcacagactg	ctttgcctgt	tgttgctctt	cggaggcg	gatccccgaa	ggcgagctga	240
aatacggtcg	caggctacaa	tttgcagccg	acgattaagg	aagacgacga	gcgggagagg	300
tggccacccc	tcattggagcg	cttgtgctcg	gatggcttcg	catttcccca	ttactacatt	360
aaaccgtatc	atctgaagag	gatccacaga	gctgtcttac	gtggtaatct	ggagaaactg	420
aagtaccttc	tgctcacgta	ttatgacgcc	aataagagag	acaggaagga	aaggactgcc	480
ctacatttgg	cctgtgccac	tggccaaccg	gaaatggtac	atctcctggt	gtccagaaga	540
tgtgagctta	acctctgcga	ccgtgaagac	aggacacctc	tgatcaaggc	tgtacaactg	600
aggcaggagg	cttgtgcaac	tcttctgctg	caaaatggcg	cccgatccaa	atattacgga	660
tgtcttttga	aggactgctc	tgcactacgc	tgtgtataat	gaagatacat	ccatgataga	720
aaaacttctt	tcacatggta	caaataattga	agaatgcagc	aaggatatagg	tcaaccaatg	780
ttattttcaa	actatctgaa	atgcatttat	tttaacattg	acacatgtaa	gggtcaattt	840
ttcatatttg	gaagctcaaa	cattccttga	atgaaaatat	tttgaaatgc	cttaactgtc	900
taagatttta	ctttaaatat	tggaaacttt	aaagaagcat	tatagggaac	agcctttttt	960
catgcactta	tggtaaataa	ctataaaaac	aatgaatta	caataaattt	ataattcatg	1020
acaactgaat	ttgggaaagg	taatagttaa	gtgtttttcc	cctaaattac	tttttttcta	1080
atcagtgtga	agtgacacag	gaaagtataa	ttgtccctta	taaataggct	ttatttttaa	1140
tgtcaaagaa	aattaaagaa	tttcccaata	aatgtacatg	ttgttgctgt	tgaaaa	1196

<210> 8868
 <211> 987
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (84)...(990)

<223> similar to gi3445181 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8868

tttcgtggcg	gagcggaggg	gaggccgtgc	caggcagggc	cggttcgtgc	ggaaccgcca	60
tggccgagcc	ggcttcggta	actgtgacat	ttgatgatgt	ggccttatat	ttttcggaac	120
aagagtggga	gacccctggag	aagtggcaga	agcaaagtga	taagcaagag	atgaagacca	180
attacgagac	ccttgattcc	ctgggggtatg	ctttttccaa	gccagatttg	atcacatgga	240
tggaacaagg	gagaatgcta	ttaatcagcg	aacagggatg	cttagataaa	acaagaagga	300
caactagccc	tcctactgat	gaacagttga	acatgaagaa	tactggaaaag	ttgctatgtt	360
ttgatgacga	aggaactccc	aggacaaaag	aagaggattg	ccgtttaaat	ggtcctcaaa	420
aacaggactt	gtgtgtgtgc	ttacgagggg	aagagagaaa	gattttatta	gctcaaacag	480
ccaccttcca	gtctccaagt	ctccgagaaa	cagagattct	aaataaaaaa	gtcagcatca	540
cagcatatga	tccagacaag	aaagacctgc	ggcataagcc	tcgggagacc	ccagggcgct	600
tagaaattcc	cacagggcca	agatgctatt	cctgctatgt	ctgtaggaaa	gtcttccaag	660
taaggaggga	tttgctaaag	cacaaacgga	gccactccaa	gagccagctc	tgcagatacc	720
caaagtacaa	aaactcgtcc	agaggggaag	ccgaactcag	gcggacgcag	aggctcctgt	780
gtcagaagaa	gcggttccag	tgcagtgagt	gtgagaagag	ctacttcctg	aagggcagcc	840
tcgtcactca	tcaggttgtc	cacaccggcc	agcggcccta	cccatgccct	gagtgcgaca	900
agaccttccg	gtacagggcc	aacctgaaga	agcacctgtg	tctacaccgc	ggggagcggc	960
cgttctgctg	cggggagtg	ggccggg				987

<210> 8869

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (115)...(551)

<223> similar to gi5478765 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8869

cggacgcctt	gcccccgctt	cctttcacgc	tgtcgtgtgc	cgtagggtggt	tgtggccact	60
gtgcccggag	ggaggcgggc	gtggccagta	atgcctggga	aactcctctg	gggggacatt	120
atggagctgg	aagcaccctt	ggaggagtcc	gagagccaga	agaaggagag	gcaaaagagt	180
gacagaagga	agtcaaggca	ccattatgac	tcggatgaga	aatcataaac	aagagaaaat	240
ggtgttacag	atgacctgga	tgtccccaag	gccaaaaaat	ctaaaatgaa	agagaagcta	300
aatggagaca	ctgaagaagg	attttaatag	actttcagat	gaattctcca	aatctcataa	360
agtcaagaag	aaaagatcta	ccaaatggag	atattagatg	aatattgaaa	aaaattcaaa	420
gccgagtatc	atcttttagat	acttctactc	ataaatcaag	tgataataaa	ctagaggaga	480
ccttaacacg	tgaacagaaa	gaaggagcct	tctccaattt	tcctatttct	gaagagacta	540
taaagctt						548

<210> 8870
 <211> 829
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (142)...(595)
 <223> similar to gill36434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8870

ggtccctttt	tttctgcctt	tttgtttccc	tccggcgggt	cggcgcgagg	gtgaatttcc	60
gtttgcggcg	gtgtccaagc	ggacctaaag	agtcgcagtt	gtgaacaggt	tagagttact	120
tgttattggt	aaatagccac	tatggagact	aaggaccaga	agaaacacag	aaagaaaaac	180
ggtggaccca	aagctgcaaa	gaaaaagaag	tggcatctgc	aggatctcca	gctaggagac	240
taagaaaatg	cccagaagag	aaatgccaat	gctttttgcag	ttcagtctgc	tgtgtggatg	300
tctcgatcct	ttcacaggac	tctggatttg	aagacacaaa	agcatcatat	tccagtgggt	360
gatggaactc	cactagagcc	gccaccaata	ccggtagtgg	tgacggggcc	tccaaagttg	420
gaaagagcac	tttgatataa	tgccctcattc	ggaacttcac	ctggcagaag	ttcaccgaga	480
tcagaggccc	tgtgacgatc	gtgtcaggta	aaaagcgcag	actcaccatt	attgaatgtg	540
ggtgtgacat	taacatgatg	attgatctgg	ctaaagtagc	agatctggta	agtgagcagg	600
ggcagcctgg	ggtgctgatg	gagacttaca	gcatttggtg	aggttattta	ccccgtgatg	660
aagggaagag	agttttgtga	ttattaaaag	gatcatggtc	attatcaggg	atatagtaga	720
tgtgattgaa	ttgatgatga	taataatatt	agtaataaat	gttgtcatat	taataataca	780
aatggaatgt	gcacaaaaaa	atgtgttcca	aaatctaaca	gcatgtatt		829

<210> 8871
 <211> 1932
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (306)...(1066)
 <223> similar to gi4836950 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8871

gtaggacagc	ccctgacgcc	attccctttt	gcccttcttt	ctgcgggcct	ttccggtact	60
tgagcgggtg	ccagagcgtg	gccagttctc	gtctatctgg	ctgccttttag	ggagcgggtg	120
ctagcgttgg	ccaatagttg	gctgtcgaaa	gtgccggccc	ccgcgcgggc	gcctgcagca	180
gccgggtggg	aaggctcaag	atggcgtgct	tgttgagagc	cccaatccgc	atgagcgtcc	240
tttcggacca	ggaatgaaag	ttactgggag	ataacttcga	aggattttgc	aacaaattcg	300
agctgtccga	ctctgagaat	ggaagtaaca	gctagcagtc	gccactatgt	tgacaggcta	360

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tttgaccctg atccccagaa agttctacaa ggtgtcatag acatgaaaaa tgctgtaatt 420
ggaaacaaca agcagaaagc caatctcatt gtttttaggag ctgttccaag attgttgtag 480
ttgcttcagc aagaaacctc aagcacagag ctgaaaactg aatgtgcagt ggtgttgga 540
agtcttgcta tgggtactga aaacaatgtc aagtctctac tggactgcca tattatccct 600
gccttattgc aaggactact gtccccagac ctgaagttta ttgaagcttg cctccgatgc 660
ctgcgtacca tcttcaccag tctgtcact ccagaggagc tactgtatac agatgccaca 720
gtgataccac acctcatggc actgcttagc aggtcccgt ataccagga gtacatctgt 780
cagatcttct cacactgctg taaagggcca gatcatcaaa caattttatt taaccacggt 840
gcagttcaga atattgctca cctactaacc tctactgtcct acaaagttcg aatgcaagca 900
ctgaaatggt tctcagtttt agcttttgaa aacccccagg tatcgatgac cctggtaaatt 960
gttttggttg atggagaatt gttaccacag atttttgtga agatgttaca gagggataag 1020
cctattgaga tgcagctcac atcagcaaaa tgtttaactt acatgtgtag agctggagca 1080
attcggacag atgataactg tattgtatta aagacattac cttgtttggt tcgaatgtgc 1140
agtaaggaga gattactaga ggagagagtt gaaggagctg agacacttgc ctatctgatt 1200
gaaccagatg ttgagctaca gagaatcgct agcataactg atcacctcat tgccatgctt 1260
gctgattatt tcaagtatcc cagctcagtg agtgccatca ctgatattaa aaggcttgat 1320
catgatttaa aacatgctca cgaactccgc caggctgcat tcaagctcta tgctctctt 1380
ggagcaaatg atgaagacat ccggaagaag gtgagtctgg gagaggggag tccccagtc 1440
ctgacagcca gcaggcaggg agtgacgtca acctgaaagt cgtgggtgaag agcactaaca 1500
gtgactgttt gaataataa aagcagagtg actaaaggca taattgaaga atgaatggga 1560
cccggatttg ggggggttgt tgtttgtttt tagaacatag agtggcatgg ccgtgctgga 1620
atgacaaata actggcgtgc tttttttttg tgctattaat atgaattatt atgttgacaca 1680
tttttgcatg tgttctgata aaaatcaatt ctagcactgt gaagcttcag acaccttgaa 1740
agtcctaaca ttaaaattgt aaatgttatt tatggaaata ccttccaatg ctattgagaa 1800
attcaaatct ctattgtata ttgttctttg atatgtggct tagttttatg ttttgatttt 1860
ttttgctact gggcaagttt aatgtgaata aaatctttgt ggaatgatga ttttatgttt 1920
aaaaaaaaaa aa 1932

```

```

<210> 8872
<211> 1118
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (738)...(1102)
<223> similar to gil255433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8872
tttttttttt ttggcttttg attttgtttg tttttttgtt tcattttggtg gttcatctgc 60
cttttaaccc attcaccaaa atttaccttg ttaacaagca tcaccaatga acatttcaga 120
gcaatctgca tatttaacag acctaaaata aatcctatta ggcaagtcag ttgaaaatgc 180
tcgtgctgct aatggaatta gagtgcgttc attttacagg ctagtatttt aaaagtagaa 240
atcaaaatct ggcaccgaag catgctaatt gtttactgta ccttgtgagg ttttactca 300
taaatttaaa ccagtgtatt tttttagaac tggtttgtgt atatatatag tgattatgga 360
tactaattca atgtaattta taattttcta tgtcaataca aaaatacatc acagccttct 420
caaacagctc aagcaatata ttgtatattg ccatatcgtc tggtgaaagg gttaaattac 480
ttcacctctt gcacttttag atgcaaatca gtttttcatt tctgtaatag aaaattattc 540
acgtattttt acatcatttg tttttcctga ccagtattta aaaccaaag gatattctga 600

```

```

aaaatggcca acaatttttt tagaagtagc atcccaagca gcgtgcctaa acattacatt 660
gcatatggaa ataaaagaat caaacgtcta atgccttatt tctgatttcc tttttcattt 720
taagtgggtg ggagattcca gcaactcccag gacagtggag tcagcagtaa gccctgggac 780
aggtggcaag ggtgggtccc ttgacctttg cacgccttct caggaacccc ctttcccggg 840
tgagcccctc tctgaagaga ctgtccttgg gcctcctctg gaagcagcac ccccagagga 900
cagggctcct cctgcttgcc tcagggctgc ctgacttgaa tggcgttgga cctcggggat 960
tactggtaga taatatgctc tggctcgcgc tgggtggtgag ttttgccagc catggccagg 1020
gtttggctcc actggtggca cacgtggcct ccgtggtatg gacctggtgg cttctccatc 1080
ccactgtggc ctctgtggtg tggacctggt ggcttccg 1118

```

<210> 8873
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (424)...(427)
 <223> similar to gil334398 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8873
tttttttagtt agattatctt atttttatatt tattatttta tttttgctag taagatgtag 60
gagtttctta cacatttttg aaatttacca attattaaat atatgatttg caaatgttgg 120
tttctatttc ctaggttgcc ttttcattct gttgtttgct atgcagacag tttttagttt 180
gatgtatttc tacttgata tatatttttt tggctgcctg ttctttctgt ataattccaa 240
gaaatcattg taaagaccaa tgccacaaag ctattccttc tgtttcttct aagagtttta 300
cattttcagg gcttatgttt aagccttttt ttaaatttta atacaatttt agttgatttt 360
tctgtatgct ttaaggcaca tgtccaatatt ctttctttgc tttctttctt ttgttccttt 420
ctttttctct ctatctc 437

```

<210> 8874
 <211> 979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (209)...(962)
 <223> similar to gi3877201 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8874

<210> 8876
 <211> 2300
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1129)...(1591)
 <223> similar to gi3063699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8876
 ttttttttgg tgggtcactta agattttttcc agacaacaac gtgcgtcatt tttgcctttg 60
 agatgtgttt ctttctgcct ccattccagc cacagtccca tcctggcagt gagcaaatcc 120
 cacacgcagt tctagcagga cgctgaggct cagctgcaac atggggcagc caggaagatg 180
 cctgaggagg tgccaggcac acaggaggca ctgggacaga ctcgggccgg ggttgccaggc 240
 tgcagcaacg cccacccctc tacttccagg cacagcccct ccgtctcaca ggacagagac 300
 agggccggct cagcggctgg tacacactgc tttatttgtt ctttttatta ttatttttaa 360
 gttcacctac agctgcagta cacacacacc gctttatttg gctagctgct attcagaaga 420
 cacttcctga attcaggaaa aattttttta aaaacctgag aacaattcct gtgacttctt 480
 agctttgatg aagtgcattt actttgacat tgatatagct tgtaactact tttggaattt 540
 ttttttccct aacactttga tctcattaag ggtattacac cttttccacc agaaaatgca 600
 gaggtatcat ctttcttgga aaccaattga aagcgtccca ttttaacaaa atgacataaa 660
 attacaaaca ttacatgtt taaattcaaa gcctgatcca tctggtggta agaaatgtta 720
 acttatttta aaagatgtat ttgcattatt aaaatatagt aacgacttcc atctttacat 780
 caaaagaaac gggcttgcat aagcaatggc tcccagctct ggggagggtt tgagccacgc 840
 ccttgccggg gccgctccaa gctctgactt caaaagttgg agtttccag ctgcgaacag 900
 ctggtcaaag gcactctcaa aagttcaagg aaatgcccggt ttgcggatgg ccgcagcagg 960
 cctgtggggc tggggacagc gccaaaggagc tggccggttg ttcttgagat gctcctgctc 1020
 tgccgtgttc taaggacctg cgagctggag ctcttctcgg gaaaaagaaa acgctgggga 1080
 ggccctccgtg tgggcgggtc aagccagata accaggcttg tactggcttc agcagaagcc 1140
 gcgtgttttc ctccctcccc ctctatctcc ttctttccct tctgtctcct ccttccccct 1200
 ctgtcctgat gccctgcagg ctgctgggga ggagcctgcc gcctgcctcc tgccctcccta 1260
 gaccgtgtt ctccccacag ctctcccccg gagctgtccc ccagcaggcc acacctgggc 1320
 ccaggctcca gacctgcccg cccacacagg agtccccctct agccggagct ccgccccctg 1380
 ttcccagggc gtccctgggca ggtcagtttt cctctctgtc aaccaggaac attccaaggc 1440
 tcttcctgcc tcaactgctgt ggtttcccac ctccaccca ggcaggaaga gaatttaaaa 1500
 gccccgcagg ccctggccag gatgcctgtg agagggagaa ctggaaagcc agtatcaggc 1560
 agaccctctc ccggttggac ctgggcgctg gctccccgca gggaaggcac tgctgtgcct 1620
 ggggcagggg accagcagtg gcagcagttc cagattgtca gagctgggga gggcctccaa 1680
 gagctgccag agctgatttt ccagagaggg aaactgaggc ccagagaggc agtgacgagc 1740
 tctacctccc actgcaaggc agatcagagc tggggttctc gtcctcaaaa gtgcagttgg 1800
 ggcttcggag ctcgggcctg ggctgggagc tgggttagacg tacagaacct caggccctgc 1860
 aagtcaacag cccccccagg ctgctcatta gggagttaaa gttgagaagc actaagctga 1920
 cccggccccc cctggagaga tgggcccag actgagggaa cagcgcgggt gcacctcca 1980
 cagcagaacc ttccggaagt gttgtggcgc ggatgccagg aggggctcgc ttgtgtcacc 2040
 tagtcctcgt gagccctccc cactgtggag agcgggcaac caagaggggc acgcatttca 2100
 ggctccagaa gaactgggca ggctccccgc gttggggagg aggcgccggc ggcccaggcc 2160
 cagcacctg tgggtctaca cagctaatac cccccaccag caaccatgac cgccagtggc 2220
 tggcccaggt cagcgcgggtc tgaaagtgga tttgaaaggg cagaattgaa taacgggagt 2280

gactgcggttt tggaggtgcc

2300

<210> 8877

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (361)...(919)

<223> similar to gi5051782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8877

cgaaaggggg	ctggaaacag	ggaaactgga	gcttggtact	aagctgcttg	aggtttctca	60
gaaggggtat	ggcccaggag	gggtggggcc	agaaaccctt	aaaccagaac	tgaaatgtct	120
cactaagcag	ctaggaaaact	ttatgtaagt	taaacctctt	tcccatccac	ccactcacct	180
tcagtcccca	aaaagtaaag	gcacaaaaca	tagcgtttgc	ccacaggcca	ccagttctct	240
gggggtgagg	ggctgacctt	attgcaaagt	cctaagtcag	tagctgaggg	taggagacgg	300
ctgggagtg	agtcagggtt	ctcccttccc	aggtttgatg	ggtccttctt	ctggggtcag	360
gtaatgaaag	tcttgcgcca	caagtacctc	atcaacttct	atcgggccat	tgagagcaca	420
tctcgagtat	acatcattct	ggaactggct	cagggtgggtg	atgtccttga	atggatccag	480
cgctacgggg	cctgctctga	gccccttgct	ggcaagtggg	tctcccagct	gaccctgggc	540
attgcctacc	tgcacagcaa	gagcatcgtg	caccggtgag	ggcgctgcc	cccagactgg	600
ggcctttgcc	ctcaaggggg	ttttatgcac	atctccattt	tctgtcctt	ttttcctctt	660
tcgaactccc	tctcaatat	ctagcctatt	catgcactct	attttaatca	tatggtcaag	720
gatactgata	aagtactcac	tgtatgcaaa	gcattttatg	aaatacaatg	gtgagctccc	780
ggtggtcctc	agataccatc	ctctgtctct	ctccctactt	tgggctctgc	tcacaactcc	840
atggctttcc	ttcctctcta	ccttgtgcc	tcataatggt	ttctacctcc	cacttcctct	900
gtcctcatct	ttacct					916

<210> 8878

<211> 1201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (65)...(1049)

<223> similar to gi5689535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8878

```

cccggtgtggt ggaattcggg gcggcggcgg cccctcgcag cagctggccg gcgggcccc 60
ccagcagttc gcgctctcca actccgcggc catccgggcc gagatccagc gcttcgagtc 120
cgtgcatccc aatatctacg ccatctacga cctgatcgag cgcacgcagg atttggcgct 180
gcagaaccag atccgggagc acgtcatctc catcgaggac tcgtttgtga acagccagga 240
gtggacgctg agccgctccg taccggagct taaagtgggc atagtgggga acctgtctag 300
cggaaggtca gccctgggtg accgctatct gacggggacc tatgtccagg aggagtcccc 360
tgaagggggg cggtttaaga aggagattgt ggtggatggc cagagttacc tgctgctgat 420
ccgagatgaa ggaggcccc ctgagctcca gtttgcctgc tgggtggatg cagtgggtgtt 480
tgtgttcagc ctggaggatg aaatcagttt ccagacggtg tacaactact tcctgcgtct 540
ctgcagcttc cgcaacgcca gcgagggtgc catggtgctt gtgggcacgc aggatgccat 600
cagcgctgcg aatccccggg ttatcgacga cagcagagcc cgcaagctct ccacagatct 660
gaagcggtgc acctactatg agacgtgcgc gacctacggg ctcaatgtgg agcgtgtctt 720
cccaggacgt ggggtataatt gactctgctg tcccctgcag tggcccagaa ggtagtggcc 780
ttgcgaaaga agcagcaact ggccatcggg ccctgcaagt cactgccccaa ctgcgccagc 840
cactcggccg tgtccgccgc ctccatcccc gccgtgcaca tcaaccaggc cacgaatggc 900
ggcggcagcg ccttcagcga ctactcgtcc tcagtcccc ctacccccag catcagccag 960
cgggagctgc gcacgcagac catcgctgcc tcctccaccc ccacacccat ccgaaagcag 1020
tccaagcggc gctccaacat cttcacgata tgtgccactg tttccaactt ttcataca 1080
aaaaggcctt tccaactcct tccaaattag aagaccagtt ggtgacacac agcacctctg 1140
gacatgcccc ctgtgcgggg ccggaggcgg gccggggcct gggactgctc tcagatgaga 1200
a 1201

```

```

<210> 8879
<211> 852
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (154)...(726)
<223> similar to gi3046746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8879
ccggctgaag cggccggggcg ccgattggtg tctttgagtc tagtcttttg tcggggctgt 60
ccaaaggacg ctagtgtgtg cacctgttcc tccctgcgcg taagatagag gataaatctc 120
ctggcaaagc ccagaatgac cacagccctg gaacctgagg accaaaaagg acttctgata 180
attaaggcag aggaccatta ctggggacag gattccagct cacaaaagtg cagtccctcac 240
aggagggaac tctatagaca acacttcagg aagctctgct atcaggatgc acctggaccc 300
cgtgaagctc ttaccagct gtgggagctc tgccgtcagt ggctgaggcc agaatgccac 360
accaaggagc agattttaga cctgctggtg ctagaacagt tcctgagcat tcttcctaaa 420
gacctgcaag catgggggtg gtggcacacc atccaaagac tggagaggag gcagtgcagg 480
tactggagga tctggagaga gagcttgatg aacctggaaa gcagggtgtga aggggcagtc 540
atctggctgt cccaggcaat tcagaaagac gggacatact catggacaag ttggccccct 600
tgggaaggcc atatgaatca ctgactgtcc agctccatcc caaaaagacc cagctggagc 660
aggaagctgg gaaaccacaa aggaatggta agcaggaaca gttctgagtg tatgagggca 720
gaggtacttc cttagggttag aggaaaactt tctcactttc atcttctcct tttaaagatt 780
tcctgcttgt cctccacctc actatggaca attttatcct cctcttacc ttgctccatg 840
atggagttat at 852

```

<210> 8880
 <211> 1564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (215)...(1153)
 <223> similar to gil931579 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8880
 ttctcgtgccg tcgccgccat ttcaagaccg tactaggtag atggtcaatt agagttccca 60
 ggggtttgaag cctgtaactg ctgccgccgc tcaagccctc cagagcattg ctacggctgc 120
 tgcccttgta ctactacctc caaatacggt cttgctggta gtggcggcag caggaccaat 180
 tacctctttt ttgctctccc tcgagaagct ccagatggcg tcttccgtgg gcaacgtggc 240
 cgacagcaca gaaccaacga aacgtatgct ttccttccaa gggttagctg agttggcaca 300
 tcgagaatat caggcaggag attttgaggc agctgagaga cactgcatgc agctctggag 360
 acaagagcca gacaatactg gtgtgctttt attactttca tctatacact tccagtgtcg 420
 aaggctggac agatctgctc acttttagcac tctggcaatt aaacagaacc cccttctggc 480
 agaagcttat tcgaatttgg ggaatgtgta caaggaaaga gggcagttgc aggaggcaat 540
 tgagcattat cgacatgcat tgcgtctcaa acctgatttc atcgatgggt atattaacct 600
 ggcagccgcc ttggtagcag cgggtgacat ggaaggggca gtacaagctt acgtctctgc 660
 tcttcagtac aatcctgatt tgtactgtgt tcgcagtgac ctggggaacc tgctcaaagc 720
 cctgggtcgc ttggaagaag ccaaggtagg tgtttgatag aacacattta aacatcagta 780
 ttatgaaaac ttgtactttt tgccaagtct tcaactcttc attgagctat cttcacaaaa 840
 cagtcctatg aaactgagga aaactgacgg catgaatcgc ctacagactag agcagggccca 900
 ggctttggca tatctgttct aaatctgggg gttaaagcaag aacctgaaca ttttggagcc 960
 tttctgctga gctagacct ctttataaca ctgggctccg tcatgatctt atgtgggaat 1020
 aaataacatt ccttcaaata tgaggcttgc ctgtggtgga caagcagagc gcctgtgatt 1080
 tggctcaaga ctccatatat atgcaggtgc cattgaaaat gctgctcttc taagtccttt 1140
 gtggcttgta agtgagagaag aatttcatcc aaatgttacc ctgtaatact ggcattttaa 1200
 attcttattt aaccttctc ccttcatctt cctcaccctt tttacagtgg aagaaaggct 1260
 gttaaaatga ttacaaatta ataattggaa catcctgtcc cttgtcccca ctcccttccc 1320
 aagttccttt ttctctttt ccaatcctag ttgtctacct tcttttcttc ctcatcttct 1380
 tcttttatcc ctcccccccc caacccttta aaaaaaaggt cagaaggaca aagctggttt 1440
 gtttgggaaa tggactgatc gaaagaaaac ttgccaaagt ggaaagggtg ctttttagcat 1500
 tctgtgtttc caaataatga atttgaacga attccccgcg gtnnnnnagt gctatcaatc 1560
 caat 1564

<210> 8881

<211> 651
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (308)...(532)
 <223> similar to gi415891 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8881
 tttttttttt tcgtatttct atttgtttta tttgctttct gtggtgtcaa atttggggtc 60
 tcctagagcc ccagccccag gcagaaatcc ggcataatcct tctccgcctg gggggcccgg 120
 gacacaggag tttcagaaaa ggcactggca aaagttctag ggcaggggtc agggagaagc 180
 caccactgag cctgggaggg accgggccct ctttcggcgg cagaaaacac agtcaccttt 240
 gggcagggaa ggggtttttt ctaagaaatg aaatttaaga caagataaaa acctgacgat 300
 gttagaggag cccgccagaa cctaagccgg tgctcccctg gggcagggca ggagagtga 360
 ctcggttttc caaaggcttc agggggagggt tttgcccggg cccttcagcc agggtttcag 420
 attgccacag gccttgcaa gcagaaagcc taattcaaat ccctatgtgg aatctccttg 480
 agacaaagtg tcacgacaca aaacccccag gcccagacc ccacctctga atggcttggg 540
 ccagacgctg gtctggatcg tcaggaccac ggccactacc cagtgaacca ttcctgtccc 600
 tttttgtgtt ctgtgagcac tggagaggca ggcacttctg tgggtaactg g 651

<210> 8882
 <211> 561
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (473)...(563)
 <223> similar to gil869901 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8882
 acagagcggc ggaattcaaa aagtagtgcg atgagcgccc tggtgagaga aagaactgca 60
 aactggccat gcttatTTTT aagctggagc tccacaagtc ctactgtggg agccggacag 120
 agctctggca aggtgtggc cagctcatca tgcaccgat gctcgcccag cacagagctg 180
 tctgtcggag tgaacaggcc cagctcggga aagaaaccag tctgatcca ggaaaatgtc 240
 tctccattac ggttgctgct gccctgagtg cacatctgtg gccataaagg aaatgatgtg 300
 ggtgattcgg ccaagagttg cctgtgtggt caaggatgcc ggcagcgag gaaagtcaag 360
 accaggggaa agaatttcag ctccctgaaag ggaaatctac tgtcattatt gcaaccaa 420
 gattccagaa aataagtatt tccaccatat gggtaaagtgt tgtccagact cagagtttaa 480
 gaaacacttt cctgttgaa atccagaaat tcttccttca tctcttccaa gtcaagctgc 540
 tgaaaaatcaa acttccacga g 561

<210> 8883
 <211> 955
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (375)...(661)
 <223> similar to gi5712087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8883

ttttttttta	agacaggggtc	ttgctttggg	acccaggttg	aagtgcagtg	gcaagatcac	60
actcacggta	accttgaact	cttgtgctca	gcctccgaag	gtgctgggat	tacaagtgtg	120
agccaccaca	cccagccctt	ttcttaggga	tatggcagcc	atccccctgtc	ccccaagctc	180
ctacaggact	ctctggagtc	ctgtgattcc	ccccatgccc	acccttggcc	ttgtcacccc	240
gctgtcccaa	gagtggacag	acttaccaga	gggcgatgag	tgaaaggagt	tgaggttggg	300
cttgagatca	ggcaagttgg	gttatcttga	cctcttggtt	tggtgacatg	taagggacgc	360
tgctgcttgg	ggtcatgggt	ggcgtgggg	tccctggcag	tggggaactg	gggatatgccc	420
gggattggaa	cgggtaagct	gtaagggttg	aacacaaaca	gtcaaggcag	attgccaggg	480
tggatgggag	tggagtctgt	tcacggcgca	tccactggga	accatgataa	cagaggtgga	540
catggaaggc	gccccagggg	tgcctgctcg	gtcgccctct	ctccatatgc	ccacctgtg	600
agcctcccgg	cccatcctcc	cggccaggcc	ccctacccca	ctcaggccag	gttggctgta	660
gctgacgctg	cccccgttga	agctggcgcc	ctgcccgttg	aactgctctg	tgggctgcgg	720
gagagaaaac	tgcattgcacc	tggggctcca	acctgacccc	tgccggggccc	cctggacctg	780
accctagaag	cccaccatac	acgggtcttct	ttacactctc	ttgcattttc	caaataatct	840
acaagtaaca	ctacttaaag	caatcatagc	cacagaggaa	aatgatcaaa	caggttggag	900
gggctgaaaa	gacaaaagca	cgctaagccc	tcctcctctc	ctttctcctg	cctcc	955

<210> 8884
 <211> 2597
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1091)...(0)
 <223> similar to gi3037018 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8884

tttttttttt	ttttgaatgt	caaaaagggt	ttattatatc	atatatatat	atgaaaatct	60
atgaaaccaa	aagctctccc	acaaaagatg	atttaatgaa	gacattcatt	gttcttgaag	120
agaaatacaa	atgatctttg	aacaacacag	gtttgaaatg	ctaagtttca	cttatatgca	180

aacttttttc	aaccaaacac	aaataaaaaca	tatgggtat	gagggatgca	aaaccctcaa	240
ataccaagga	ccgacttttc	atatggcata	gggtcccata	atctggcagg	ggcattggct	300
tgggattttg	ggatccacc	aggggtcctg	gaactagata	ccaagggagg	actgcactcg	360
gtattgtcgg	tctctccaaa	tcagtcctat	aaatgttgtg	caaccatata	caaaaacttca	420
agagatgtgc	tcaccagcag	ttaaccaatt	tttatagaac	atgaggaagg	ctttacccaa	480
atctgagaac	ataccaaagt	aatgcatcat	ttactaggaa	tatggaagag	ctcagtgaaa	540
gaattttaaca	cataatgaaa	cagcatttca	aatcagacat	atgagtggac	ttttcaataa	600
atgaattttg	aacagatatt	ggaagcagcg	ctgttttact	cttcagaaaa	atcaatttcta	660
aagatctaca	tgtaactac	tcacacagaa	acatgtcgtg	gaggaaaata	catgacgtga	720
aatgagcaca	tgtaaacata	ggaaaacata	cactgtaaat	gtcttagaaa	ataatttgct	780
ttatatcctg	aaataagtca	tgaaaattaa	tcaatttgat	tgtatacaaa	tataaaacat	840
ttattttaaac	agacaccatg	taaaattaaa	gccaaatggc	taagtaggag	aaaacattgg	900
caacagacat	aaaatacaga	aaatacaaga	ggaactcctaa	caaataccatg	agataaaagg	960
acaaatcatt	caatagaaaa	atgagaggaa	aaagaaaatt	aacaaatggt	tatatgttct	1020
aaaataaaca	tacaaaaata	tgtccatctt	cactagttag	aaatttctga	tttaaaacca	1080
aaataatttt	ttcagagtaa	ttaaattaca	aaaatccaat	agcaagtgtc	attaattaca	1140
tggggaagca	gatgctcata	tcttgctcag	gggaactgta	acttgataca	gccattctgg	1200
aacccaaatg	gaagtatctc	ttcaaattaa	aaatggttat	actctggcct	gaaattcaaa	1260
tcctaagcat	ataccacaga	gagagcctta	tatgtacaaa	aagggtctcat	gtaggatgat	1320
gttcctttca	gcattgtttg	taattataaa	ggaataaaaa	gaaggaaacc	ttccttaagt	1380
gtctattata	ggcaaagtac	tgttggacag	tgcacaagag	attaggtaaa	tgtgaatgta	1440
ccaaaaataa	aaactcccaa	gtagaaatag	caagttgtac	aataatatac	atacacgtat	1500
gtaaaaatcg	taactataca	tttcctgtgg	ctgtagataa	tatatacaca	ttcctacatt	1560
aaacactcat	aaaaacactc	taaaagaaga	tctaggagag	ttaaaactat	tacttctaca	1620
gaggatattg	ggactgaaga	tggttttcaa	aaagcacaca	agcaaaatgt	agtcatatat	1680
tacatgagta	attaaaaaac	tgaaagagtg	tgcacagatt	gatataattt	aaggaaaata	1740
tagataaaat	tatatatttct	atttctttcc	ctcccttgat	ggaaacagta	catgaaaggt	1800
tctagaagat	tacctgccaa	aatgatgtat	actatctaaa	tatatctctg	gtaacaatac	1860
acttaagtct	ttatgctcac	tttaaaaaga	gaagaaaatt	cagttcatga	tttctgtaag	1920
caatacaatt	tcagttcaca	gctcttatca	ttttgtttta	gttattttaca	atctttacta	1980
ggtatagaat	tatatattgg	gattttgcca	tattccaatt	tagaatatag	tatttaggaa	2040
agaggaaaat	agttttttta	attagaactt	aagtcattat	taacatttct	gtcagtggct	2100
ttaataagtc	aatacacatt	tctaaaagaa	aaacgaaatt	gagtacaata	accacattgg	2160
cttatttctc	tagtagttta	ttaattctat	cttacatcat	taaataaaaa	catgaatatt	2220
aaaagatatc	actggtaaat	gccttttgag	gactgcttct	tttgagagatc	attctacaaa	2280
actctcttac	cctaacaacg	aacgagaatg	ctactgggtg	tcatattcaa	accactgtgt	2340
ttcatgaaag	acccaacttt	tgagggtata	aactaagaat	agttttttaga	gcgctatgct	2400
ttaaagaact	gcttattttt	aattcatgta	ttgcaaaagt	cttgaaccat	aaaaaaaaaca	2460
aaacaatgat	gatgagaaaa	aaagaaaact	ccagggtctac	ctgggtttgc	aatggttgtg	2520
aaagaaaagt	atactcagca	ttttcttccc	aaattaaaag	gtccccccca	aaaaagtgtg	2580
gccaaaaaaa	acaaaac					2597

<210> 8885

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(383)

<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8885
tgctcaccag tctactaatt cctatcttaa gttgttagag aagatagaaa aagtacacag    60
cctgcccagc tctttttatg agggcagtg aatttgaatt ccaaaaccag ataaagataa   120
ttacagaaaa tgatcagttc atgccactta caggctactg aatgcaaaaa tcctgtgtaa   180
ggtatttgct gactggatcc aacagtgtat taaaaataat ttataatgat tagttaggggt   240
ttatcctgga aggcaaggat ggctcaaagt cagagaaatc tgtcagttta atctccatat   300
atggtgttag acagaaagtc agtcatttga ttttttttat aaggttccat agctatatat   360
gattaaaact ctgagaaaac cagt                                     384

```

```

<210> 8886
<211> 778
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (354)...(773)
<223> similar to gi2065209 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8886
gtcagaatat aaagcaggca gaaaaaacgt gaaaagatta gactggctta gcctcccagc    60
ctataccttt ctctatgct ggatgcttcc tgtcctcaaa catcagactc caagttcttc   120
aggaactcgg gactggcctt ccctttcctt gccagcttgc cagatggccc tattgtggga   180
ccttgtgatg gtgtgagtta aaactactta ataaactctc ctttatatat aaatatatat   240
atctattcca ttagttcttt ccctctagag aaacctaata cagatttttg taccaggagt   300
gattctacag gaacagaata ttaaggatgg agttcttttg ttggtttttg ggtttctgga   360
gttggtctgt taatatgatt agaaccctaaa atgctaagga ctctacttct aatagtatag   420
ggaacactga tagtccttgg tgtgaactgt ttagagagtt atgcaaaata aatgcatttg   480
gacacacctg aatcatcgct cgtgagaggc aaggagttca gtgactatac ataatacaat   540
tgaccatac gtggaaaacc aaggaacata atgaagctag ttggttgctc ctaagttcag   600
tggacaaagt catgaaagaa aatgatgaac tcagggattc tagctcccag gcttcagaag   660
cagatattga acctaaaatc tgctaagatt gccctaagtg agagtcttat ctctgtaga   720
gaaagagctg aaattgtgga aaaacagcca caagctctta tcataaaaagt aactggcc    778

```

```

<210> 8887
<211> 1477
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1478)

```


<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1049)...(1324)

<223> similar to gi288145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8887

tttttttttt	ttgacgggtct	tcagggtttat	ttcttaaatac	aattaggaaa	taaaaccaca	60
gtgcccagga	aagttcacat	gagacgccac	ggtgtctctt	gccatggccc	caccactcca	120
ggggccaggg	ggtgctgctg	gagggaggac	agacggacag	gcggcctggg	tggccggccc	180
cagaaaggct	ggcgtggatg	ttcgagatga	gccaccagcg	aagccagtag	ggatgtctgg	240
gccgtcctgg	tgggattgtc	tgggacatcg	ccaccaacac	ggtgtcagag	ccatcagtgg	300
ggacatcgga	ggggccacca	ccagggtggg	tatattcaac	aggctagaac	ccctgaggct	360
tgagaggcca	acccccggca	ggagacctcc	cctgacctct	ctgctgcctc	tcctgtggga	420
ccctccagta	gacacaccag	atgaggacac	ccaggaggcc	tcctcccagg	acaggaggca	480
gctggctggg	cagccacgca	gtgcagggtt	cagggccctc	cagcaggagc	tccatggaga	540
tggctaaatg	gggacatcaa	ggcaggggct	gacagtgggtg	acatccaagt	ggtcacagtc	600
aattccggaa	gctttcaggg	catcaggagg	ggaaggtggg	gctggggaaa	tgtgacagga	660
acggggaagt	gcaaaaggca	attggcctag	cctgggagat	tttccagttg	gcctggggga	720
cccccggtc	ctccattcag	cagggagggc	ggagggcctg	cttggaaagtc	acatggagct	780
gcagcatctg	gaacccaaca	gccacaggag	gcctggatcg	gggctccgta	aggcacagcc	840
gagaggggag	tggggaggcc	ccagtcogag	tccagggccc	aggggagatg	attcctgcag	900
tcccaaaaag	cagctggacc	ctacacaaga	tgcagctccc	aggacacgcg	tgttccactc	960
tcggcaggag	aggagaggaa	aaaggaaagg	ccggggccaga	ggctcacgcc	tataatccca	1020
gcaactctgg	aggccgaggc	cagcggatca	cctgagggtca	ggagttcaag	accaacctga	1080
ccaacatggt	gaaaccccg	ctctactaaa	aatataaaaa	ttagctggac	gtggtggcgg	1140
gtgcctgtaa	tcccagctac	tcaggagggt	gaggtgggag	gatcccttga	acccaggag	1200
gcagaggttg	cagtgaagcc	agattccccc	cctgcacttt	aggccgggca	gcaaagtgag	1260
actttatttt	taaaaaaaaa	gaaagaaaga	aagaaaagaa	aaagagggaa	gagttaaggc	1320
cagacaggga	cagggatgga	aggagccaga	ggctgaaaag	cagggagagg	aggcagacac	1380
aggggcacca	aggcagcaga	gaggcacggg	ttcctctgag	gttccagttt	ctcgnggtcc	1440
nccgcnaggg	ctntaggtca	tcaatnnggn	cacgcct			1477

<210> 8888

<211> 2034

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1251)...(1809)

<223> similar to gil209103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8888

ggcagcaggtt	ttgttttgatt	attttacata	gacaaaagaa	ctcatattac	tttacttgct	60
acatttcaac	atctttcctc	agcttattag	ctctatttct	tttctgtctg	taaattggata	120
ttgctgattt	gttctttgag	acaggggtctt	gctctgtcac	caggctggac	tgtactggca	180
taatcatgcc	tactgacgc	cttgacctcc	caggctcaaa	cttccgcatt	ccgaatagct	240
gggactacaa	gtgtgcacca	ccacccccag	ctaacttttt	tcttcttttg	gatagagaca	300
gggtctcact	gtgttgcca	gaccgggtctc	tagctcctgg	ccttaagcaa	tcctcctgca	360
ttagcttctc	aaattgctgg	aatttcaggc	atgagccacc	gtgcctggcc	tgggctagtc	420
ctatattctc	tagagttctc	tttactttgt	gctagtcaat	ctctcattat	gctgttcacc	480
tgttataatg	aataattctc	tgtattaaat	tttaccactt	taaacttttg	agtgtttat	540
gcttctgat	tggactctga	ctaatatgtt	aggaagggtc	ccaggagata	aaccacaca	600
gatgggattt	gggcagtgtc	gagctctttg	ccagtggga	atgggatgct	ggtgatttcc	660
agtaggtgac	ctcacagtga	ctcaagctac	cacttactgt	tgattgtgac	gaaatgccag	720
ctgaggcaca	tgccttgga	gctaagttggt	tgctgcactt	gaccactgtg	aagactggtg	780
tgggaagaag	ggtcgtttct	gatgcacttg	agcaggggtc	cccaaccctt	gagccaatga	840
gccgaagga	gccacacagc	aggaggtgag	tgggtgcgag	tgaggagtg	aggaagctt	900
cgtctgtatt	tacagccact	cccctttgct	cacattcccg	cctgagctcc	accttctcag	960
atcagcagca	gcattagatt	ctcataggag	aatgcaccct	gttgtgaacc	gtgcatgtga	1020
gggatctagg	ttgcgctgtc	cttatgaaag	cctaatacct	attgatctgt	cactttctcc	1080
catcacgctc	aggtgggacc	attcagttgc	aggaaaacaa	gcttaacacg	cccactgatt	1140
ctacattatg	gtgagttcta	taattatttt	attatatatt	acagtgtaat	aatggaaata	1200
aagtgcctaa	taaatgcaaa	tgtgcttaca	tcttttggcc	cagctcctac	ctcccggcag	1260
cctctccagg	cccagaactt	tctccagtea	gcctctacag	accaagctca	tgactcacia	1320
tggcctatth	aggcccatac	cctacgtcac	ggcagcctcc	gcagatgagc	ctactgcctc	1380
acaacagcct	ccacaggcac	agctccatcg	ttacaatggc	ctcttttagac	ccagctcctg	1440
cctcccagcc	ttctctccag	gcctgaact	ttctcaagtc	gacctcacca	ggcccagctc	1500
atgcttcttt	gcagcctctc	caggcccagc	tcctgcatct	tgggtggccc	tccaggccca	1560
gcctctgect	ccgctcggcc	tctacagtec	caacatctgc	ctcacagcag	attcttcacg	1620
cccagatctt	gcctcactgt	ggacccccca	agccaagctc	ccaacctttc	agcagcttct	1680
acacaccagc	ctcctgccac	ccagtggcct	ctttaggcca	agctcatgct	tcacaagggc	1740
ctttccaggc	ccaacttttg	tctcatggca	accttccctg	gccagattcc	tgctgtctc	1800
ccagcagcct	agacaggccc	aggtcttgcc	tcacatggc	ctctctacat	gcagcttatg	1860
cctcacggtg	gcctctccag	gcccactcc	tgtcccagga	cgtcatctcc	gggccccaaa	1920
cttactcaag	tcagactctc	tagtcccaac	tgtgcctcc	tgggtggccta	tgaaggccca	1980
aaatctctct	aagttgacct	gttccaggte	ccagctcctg	cctcctgtca	gcgt	2034

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

 $\langle 222 \rangle \quad (180)^\circ \dots (462)^\circ$

```
<223> similar to gi4775349 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

gcggccgcc	ggaggagcct	cccggactcg	gcttctcccg	cgggctctcc	tgaggttccc	60
ggaccttgca	gctcctccgc	gggtttggac	ttgaaggaca	gtggtttgga	gagtcctgct	120
gccgccgagg	cgctctgag	agggcagtac	aaggtgaccg	cctccccgga	gacagccgtg	180

```

gccggagtgg gtcattgagtt gggtagccgcc ggagacgcgg gagcccgccc ggatctcgcc 240
ggcacctgcc aagcagaact gaccgccgcc ggctccgaag agcccagcag cgccggcggc 300
ctcagcagca gttgcagcga cccgagccct cctggggaat ctccgagcct ggactctctg 360
gagtcgttct ctaacctgca ttcttttccc agtagctgcg agttcaatag tgaggaggga 420
gcggagaaca ggggtccctga ggaggaggag ggcgcggcgg tgttgcccgg ggctgttcct 480
ctgtgcaagg ag 492

```

```

<210> 8890
<211> 1564
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (516)...(1554)
<223> similar to gi3641352 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8890
gatcttttgg ttaactggct gcacatatac cttaataacc aggattcggg aacaaaggca 60
ttctgcgatg ttgctctcca tggaccatth tactcagcct gccagctgt gttctacacc 120
tttgttttta gacacaagca gcttttgagc ggaaacctga aagaaggtht gcagtatctt 180
cagagtctga attttgagtg gatagtgatg agccagctaa atccccgaa gatttgcttg 240
ccctcagtggt ttaacttttt tgctgcaatc acaaataagt accagctcgt cttctgctac 300
accatcattg agaggaacaa tcgccagatg ctgccagtca ttaggagtag cactggagga 360
gactcagtg cagacctgcac aaacccactg gacaccttct tcccccttga tccctgtgtg 420
ctgaagaggt caaagaaatt cattgatcct atttatcagg tatgggaaga catgagtgtc 480
gaagagctac aggagttcaa gaaacccatg aaaaagttgt tctggagaat catgtagcga 540
cagatgaaga cgaacctgct ttgaaacgcc agcgactaga aatcaattgc caggatccat 600
ctataaagtc attcctgtat tccatcaacc agacaatctg cttgcggttg gatagcattg 660
aagccaaatt gcaagccctg gaggtactt gtaaactcctt agaagaaaag ctggatcttg 720
tcacgaacaa gcagcacagc cccatccagg ttcccatggt tgccggctcc cctctcagga 780
caaccagat gtgcaacaaa gtgcgatggg atctgaaggg agccgagctc cttctgcaga 840
agggcgctga gaaggagct ggaaggaaaa gaaggaaaca ttcttctctc aactggagga 900
agacaacgcg gccacacaca gaaccagcgg cccagggacc gtcacctgc gtgcccgggc 960
ctgtccctcc tgaccccgag attatagtgg cagggcaggg tgtagccaa gcggtattgag 1020
ccaggacaca acaccgcgga gccctgcagg cgagtcctcc ggaggctgag agcaaacggt 1080
tgactagga acccagcagt cagaccggcc cccaccctgg agtgaacaca tcgccactgc 1140
caggcatcgc agggaggatt accccaatgg cacctggctg ggcgacgaga acaaccccga 1200
gatgcgggtg cactgcgcca tcatccctc cgacatgctg cacatcagca ccaactgccg 1260
cacggccgag gagatggtgc tcacgctgct ggactacctc ttccaccgcg aggtgcaggc 1320
tgtgtccagc ctctcggggc agggcaagca cgggaagaag cagctggacc cgctcaccat 1380
ctatggcatc cgggtgtacc ttttctataa atttggcatc acagaatctg actggtaccg 1440
aatcaagcag agcatcgact ccaagtgcg cacggcgtgg cggcgcaagc agtggggcca 1500
gagcctggtg gtcaagagct tctcgcgag aatgcccaac tcatcctct actgccctg 1560
tatt 1564

```

<210> 8891
 <211> 929
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (18)...(893)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8891
 cagaacccct tgaatgaagg ggaggccggg tccccttgag gaaggatccc actacattac 60
 caacaattta tgcagtgaat ctttctccca tccttcccca agacctctgg ccttttacca 120
 gggtaactgt gcaactggga aagggaaatg atcagacatt tcagggacta caggatactg 180
 gctctgagct gatgctgatt ccaggggacc caaacgtca ctgtagtcct ccagttaaata 240
 aggggcttat ggaagtcagg taattaatgg agtttttagct cagggtctgac ttacagtggg 300
 tccagtgggt ccccggaactc atcctgtggg cattttccca gtgccagaat gcagaattgg 360
 cagagacata cttagcagct ggcagaaccc ccacactggc tccctgactg gtaggggtgag 420
 ggcttttatg gttggaaagg ccaaattggaa gccatgagag ctgcctctac ctagaaaacc 480
 agtaaatcaa aaacaatatc gtattcccgg agggattgca gagattagtg tccatcaaaa 540
 acttgagacg cggggtggtg attcccacca catcccgggt caactctccc atttggcctg 600
 tgcagaagac agatggatct tggatgaacgg cagcggatta tcgtaagttt aaccaagtgg 660
 tgactccaat ttgcagctgc tgtaccagat gtggtttcat tgcttgagca aattaccata 720
 tctcttggtg cctgggtatgt agccactgac ttgacaaatg cctttttctc cattcctggt 780
 ccaaggccca ccagaagcaa tttgtcttca gctggcaagg ccagcaatat accttcactg 840
 tcatacctca ggggtgtatc aactctccgg ctttgtgtca taatcttatt catgtcatat 900
 tcttattcgg agagaccttg gtcgcattt 929

<210> 8892
 <211> 1164
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (320)...(992)
 <223> similar to gi2664429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8892
 cccacgcgtc cgagctgctg tgtctcttcg tcgtctggga agaaaacttt cacattaaga 60
 gttgctgatg cggattttct ttctttcctc tcccggcggt gatgagtgtg ttggtcctga 120
 cagaagggat ttggctccca gctttgtagt tcggaagaag ttgggtctat agatttcccc 180
 ctaactctcc attgatgtgt tgagcttcag agggaataat aactctacgt aaagcatgct 240
 ggcgtctcaa ggagttctcc tgcaccttta tggcgtgcct atgattgtac cggcagctcc 300

aggtcctcaa	agaggtgacc	tgtgggggct	gcagggggca	ctattctgca	cacaggggtg	1380
ttcctgccac	tcaggcccct	gctttgatga	ggaggcccag	ggacccaaag	tgtgggggtg	1440
agggcgcccc	acagcacggc	acccgtgagg	ggactggagt	tcttgagtta	cctgtgcctg	1500
gctgctctct	ccagcccccg	gggcatgggc	gccggtgtac	tggcggcggc	ggggaagcag	1560
gcagctcttt	cccaggagga	cgcccagtg	attccat			1597

<210> 8894

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(412)

<223> similar to gi2653303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8894

gggtcaccag	acgtggaccg	tgtgccagcg	ctttgtgcac	tgtaaagg	tgggttcatt	60
ttacttggcc	cctggtat	tcgtgggtcg	ctctgagccc	atcccagct	cttttggatc	120
gcatttctcc	agcccaggat	cccaaaacca	gaccagcagg	acaactaccc	cggcactgcc	180
accgcccgtt	tccacagtcc	acccacagcc	gttgcgccct	cctccattcc	ccagagccca	240
tcacgcaccc	tctttaccaa	caaaccaccg	gacgcttttc	ccccagccgt	gacttccaca	300
acccccaaact	aaataacaagt	cggcacaccc	ccttccttcc	ccgcgcctaaa	ccagcgtggc	360
cgcccactcg	tcgcacccag	gtccagcagg	tccagcaggt	ccccaggagg	gcccacgaaa	420

<210> 8895

<211> 983

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (282)...(984)

<223> similar to gi4584086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8895

agcatgtgca	tgggacacaa	cgctgtctct	tcgagaatcc	ctatggcaca	gacctgggaa	60
agacagtaag	actctgtttg	tagacagcct	ttgtgggtac	cgggctactt	tcccaggcgt	120
ttccatcagt	ccctcctgcg	gagagggttg	gagagcaacc	ctggtatatc	ccatctcgaa	180
gagctggcgg	ggcgaagatg	cgaagtggct	gggccttgcc	ttatcctccc	gccccacaac	240
tccgtccttc	tctggaaaag	acgcccacag	tgctgcaagt	tccgcctgca	gtaattccgc	300

<210> 8897
 <211> 652
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(651)
 <223> similar to gi1322378 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8897
 taaatctgcg cgaagaaaca ctgcgccaat catgttttctt tatcgatgtg ccataagaaa 60
 cactcgccca atcacgtttc ctcatcgagc ttccgtagga aatattcgtc taatcacggt 120
 tccccatgga gctgccgtaa gaaacactca cccaatcacg tttcccatc gaggtgctgt 180
 aagaaacact cgcccaatca cgtttcccca tggagctgtc gtaagaaaca ctcacccaat 240
 cacgtttccc catcgagctg ccgtaagaaa cactcgccca atcatgtttc cccatcaagg 300
 tgccgtaaga aacactcgcc caatcacgtt tccccattga ggtgccataa gaaacactcg 360
 cccaatcacg tttcccatc gagctgccat aagaaacact cacccaatca cgtttcccca 420
 tcgagctgcc gtaagaaaca ctgcgccaat catgtttccc catcgagggtg ccgtgagaaa 480
 cactcgccca atcatgtttc cccatcgagc tgccgtaaga aacactcgcc caatcacgtt 540
 ttcccatcg agctgccgta ggaaacattc gtccaataac gtttcccgcg caccttctac 600
 cttcctccag ctgccgtaag aaacactcac ccaatcacgt ttcccatcg ag 652

<210> 8898
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (330)...(712)
 <223> similar to gi473935 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8898
 gagaccaggg gagctgtcaa ggetgcggcg gggaccagag aggagcctgg cgggggtggc 60
 tgggtggctg gggaatccc cccaacttcc catcgcaggc gcagctctct cggccgccta 120
 tttcctccga aaccgcgct gcggagcagc ccagtcata gagttcaaca cttccccttg 180
 ttgtggaaag taaaggagcc tcaactaccac ctttttttct ttgcgttttc ttactgctgg 240
 tcctgggagc cttttccttc ggagcagcag ccctgtccgg catctgtctt gagctcccag 300
 caaggaaagt ccatcagctt gataatggag gagaacaatg actccacgga gaacccccaa 360
 caaggccaag ggcggcagaa tgccatcaag tgtgggtggc tgaggaagca aggaggcttt 420


```

gtcaagactt ggcatactcg ctggtttgtg ctcaaggggg atcagctcta ttatttcaaa 480
gatgaagatg aaaccaagcc cttgggtact atttttctgc ctggaaataa agtttctgag 540
catccctgca atgaagagaa cccaggggaag ttcctttttg aagtagttcc aggaggcgat 600
cgagatcgga tgacagcaaa tcatgaaagc tacctcctca tggcaagcac ccagaatgat 660
atggaagact ggggtgaagtc aatccgccga gtcatatggg gacctttcgg aggaggcatt 720
ttc 723

```

```

<210> 8899
<211> 885
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (705)...(9)
<223> similar to gill184100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8899
gcaagcctgg cctatcccct gtaggggggtg ggtgaggggc gaggctgagg aagaagagaa 60
ggggaatttg ggcgcttgag gggattataa tttctttaaa aagaggggag gggagaggcc 120
atggccgtcc cagccaagaa aaggaagatg aacttctcag agcgggaggt ggagatcatc 180
gtggaggagc tggagctgaa gaagcacctg ctggtgaacc acttcaacgc cggggtaccc 240
ctggccgcca agagtgcggc ctggcacggc atcctgagaa ggggtcaacgc cgtggccacc 300
tgccgcagag agctgcctga ggtcaagaag aagtggctcg acctcaagac cgagggtccgt 360
cgcaagggtg cccagggtccg ggccgccgtg gaggggtggtg aggcgcgggg gccactgag 420
gaggacggag ctggggggcc tgggacaggc ggtggcagtg gcggcggttg cccagctgta 480
gccccagtgc tgctgacccc catgcaacaa cgtatctgca acctgctggg cgaggccacc 540
atcatcagcc tgcccagcac cacagagatc caccctgtgg ccctcggacc ctcgccacc 600
gcagccgag ccacggtcac cctgacacag atccccacag agaccaccta tcacacgctg 660
gaggagggcg tggtggaagta ctgcacggct gaggcgcccc cacctctgcc accagagacc 720
cctgtggaca tgatggccca gcatgcagac acgtcgggtca agccgcaagc gctcaagagc 780
cgcattgtc tcaactccgc caagctgata caggagcagc gggtcaccaa cctgcatgtg 840
aaggagatcg cacagcacct ggaacagcag aacgacctac tgcag 885

```

```

<210> 8900
<211> 983
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (168)...(983)
<223> similar to gi206712 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8900
taagcttaag gatctttact ttcagtttag ccagagtgga attagaacag ggatatcatt 60
aacagccagc caggacagaa gcgaaggcgt ctcagaagca acttggtgga ccagcctcag 120
gaaccccggt tcatgcctgc acttcccacc ttctgcctg gggagaggcc caatcccctg 180
agggaccctg gagagcccac gaccagggcc gccagcccct gccagcaca ctgcaggccc 240
agctgcccct tcccaggcg atgtgtctag gctccggaga cagcccagtc cagggtgggt 300
ctatgtctgc atgcagccga ggatttccgt caccctggcc atggggctgt tccacacctg 360
ctcctgggat ccagcagtgc agcccgaag aacagacca accggggcca agcctcaggt 420
tccagaagcc acccctgcct cctgcccctc cttcagggcc ctatagtggt gtggcctgga 480
tcagggtctg gcagagggtg aggcaggagc caccacacct tctgctgggg acacagacaa 540
ggagctctcc ggactggaaa gagtccccat gtccagtggg tcagggtctg aaggggagac 600
aggggacccc atcagcttag ggggcctcgg attctgtcca aacccttcc ctcgaggacc 660
tggctgccag ctggaaactc agctggtccc caaggccaga gccccttga gcttccagag 720
cctcgatccc cctggacttg acacccccga tgggcacctg ccagcctcac tcccgggacc 780
caggatgatg ccccccaccg gaccctccat gtggaccag gcacgtggcc tccaggaggc 840
tggtgcccag ccaccagag acacaagcca gctgctgatg gtggacaggg tgggtcatga 900
actcagggag ccaggggctc gcctctcccc gggaagggtg gcgcagcagc agggagcact 960
tggcagcact cgacccggga att 983

```

```

<210> 8901
<211> 1396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1397)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (276)...(732)
<223> similar to gi558052 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8901
ttgaaaccag caccttccct ttctctgagt cctgcctcct tctgcagaag ggagctcaaa 60
agaactttgt tgttttgctt ttactcttgg ggtgaaagcg gcaggaggta tgtgagatgg 120
tgaaatgatt tgcttctgcc atgctggggg cacgggtgga tcgccctaaa ctctcggttg 180
ccccctcagt agttttggaa gaggaccaag tccttgtctc tccagcagtg gacctggaag 240
caggatgccg gctcagggac ttcactgaga aaataatgaa tgtcaaagga aaagtaattc 300
tgtcaatgct ggttgtctca actgtgatca ttgtgttttg ggaatttatc aacagcacag 360
aaggctcttt cttgtggata tatcactcaa aaaaccaga agttgatgac agcagtgtctc 420
agaagggtct gtggtttctg agctggttta acaatgggat ccacaattat caacaagggg 480
aagaagacat agacaaagaa aaaggaagag aggagaccaa aggaaggaaa atgacacaac 540
agagcttcgg ctatgggact ggtttaatcc aaacttgaag gaatccgaat aactaaactg 600
gactctgggt ttctgactca gtccttctag aagacctgga ctgagagatc atgcgggttaa 660

```

SECRET

<211> 447

<213> Homo sapiens

<221> misc feature

```
<22> similar to gi807677 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

ataaaaatcca	gcattccttc	atgaagaaaa	ccctcaagaa	actgggcata	aatggaacat	60
actccaaaat	aatgaaagcc	acctatggca	aatacacaac	caacagcaaa	ctgtgtgtgc	120
aaaagctgga	agcattacca	ttgacaactg	gaaaaagaca	aggatgccta	ctgtcaccac	180
tctgtttcaa	cataatactg	gagggtcttag	agcaatctgg	aaagagaaaag	aaacaaaagt	240
catctgaata	gggaaagaag	atgtcaaatt	atttctctta	acatatgata	tgcttctata	300
cgtaaaaaac	cctaaggact	ctgccagaag	gctcctggaa	ccaataaacg	acgctagtta	360
agtttcaaga	aacaatatca	aagtacaaaa	atcagtagca	tttctgtaca	ccagtaattct	420
tcatgctgag	aaccaaatca	agaatag				447

<211> 588

<213> Homo sapiens

<221> misc feature

```
<223> similar to gil70035 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```

<400> 8903
ggagccccag gggccgaaga ggcacacgtc gggccttttg gtgcacctca gcctgggggc 60
cagaacgtgg ggcagagtgc agccagggtt ctgactcctg ggggtggaagg gagactccca 120
gggcatcatg tctctacca agtccagggg gatgagccgc tttttctctt tttagacca 180
gtccaagac ccaagccaag ggtgaccctt cactctggcc caggcctttg caggcacctt 240
ggctgaggct ccccaagtat gaatggtaa tccttgctc cagcctggc acagaggagc 300
ccagcacaga cgcgccagc acagagtccc ccagcacaca gcccacaaca cagagctccc 360
ctgcacacag cccccctgca cagacacccc cagcacagag tccccagta cagagcccc 420
agcgcacata ccccccatag cacagagccc ccagatcaga gaccacagc acagagtagc 480
ccccagcac agggcccccc ggcacaggga tccccaaagc cagggacccc cccagcacag 540
ggatcccccc agcacagggc ccctcagcac agggaccccc ccacagta 588

```

```

<210> 8904
<211> 829
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(830)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (249)...(755)
<223> similar to gil335205 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8904
ccagcctagc aaagttgatg gggattnagn gcatgntggt tnnnnnnngg gnaaatgnnn 60
aaaaannngg ggtnaagang ggnnttnnaa angggggngg ggtagannag gnnnnngnnt 120
taaaaagtan nnnnnnnnnn nnggnnnnnn ggaatanngt ggnnttctt ctccccacca 180
ccctcccn nnnnnnnnnn nnnnnnnnnn nnnnnnnngc catgaatttt ctatgggaat 240
gaatatacct taataaagaa aatcaagcaa tacaatgggc tacaatgact gactaagaaa 300
aacacatgat tatcttaatg gatacagaaa aagtatttaa caaaattgaa atatcaactc 360
atgatcttaa aacaattctg aacaatctag taatcatagg aaattttctt aaactgataa 420
agaatatcta caaaaaacct atagctaaca tcatacttaa tgaaatacta aatgcttccc 480
cccagccaca ctaagatcag agacttgga aatacgtgtg ctccaaacat tcccttttaa 540
cttcttactg caagtcttag ccaacgcagt atttcaagaa gacataaaag gcaagcaa 600
tggaaggaa gaaattaaac tatccatatt cacatgtaa tagtaacta tacagacacc 660
actgtatgta gaaaatgcc agaaatatac ataaaagttc atataataaa tgagttagc 720
aaagttgcag gatacaagg caacatacca aaagtgactt tcagatgcat ataccctat 780
ttggtgttca atcacatcag tgtggtcttt ttataaaaag atgatgcta 829

```

<210> 8905
 <211> 1099
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (493)...(1099)
 <223> similar to gi30168 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8905
 aggcacaaaa atagaagacg acacatagaa gagagagact aagaaaagat aatcaaaaca 60
 taaataacag cgagtcacaa acaggcatat cgaaatttca cacactaaga atgcaaagtt 120
 cataaagcac aagattacaa gtaaaggctg gacaagattg agaaacccca ttataatgta 180
 gaaaaaaaaa aattcaaaat tagccaggca tgggtgggagg cacctgtaat cccagctact 240
 cgggagactg aggcgggaga ttctcttgaa cctgggaggc agaggttgcg gtgagccgag 300
 atcgtgccat tgcactccag cctgggcaac aagagcaaaa ctccatctca aaaagaaaaa 360
 agaaagaaag aaatgctagg ggaaaatgtt ttaactagtc attcttccca gtagctaattg 420
 aagctgactt ttaaaaagaa ggctgtgagc tttgcagatg ctgctgccgc ccaggggcccc 480
 ctgcttccag ccatgggtcaa ccccacccatg tttttccaca ttgctgtcga tggcgagccc 540
 ttgggctgtg tctccttcga ggtaaggggc ctggaaagca agaagtgact gctcatctaa 600
 tccataaaac tatgttaaca gattggagct gtttgcagac aaggttccaa agacagcaga 660
 aaatttccat gctctgagca ctggagaaaa aggatttggt tataagggtt cctgctttca 720
 cagaattatt ccagggttta cgtgtcagag tggtgacttc acacgccata cagcattggt 780
 ggcaagtcca tctgcaggga gaaatttgat gacaagaact tcatacctgaa gcatacgggt 840
 cctggcatct tgtccatggc aaatgctgga cccagcgtga acgtttccca gttttttatc 900
 tgccctgcca agatgccaaag acagagtggg tggattgcaa gcatgtgggtc tttggcaagg 960
 tgaaagatgg catgaatatt gtggagggtc tggagcactt ggggtccaag aatggcaaga 1020
 tcagcaatca gcaagaagat caccattgct gactggacaa ctgcaataaa tttgacgggt 1080
 gtttctctta aaaaaaaaaa 1099

<210> 8906
 <211> 1062
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (724)...(1008)
 <223> similar to gi403460 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8906
 tccaggtcaa aaaaccctcc ccaaccctca cacagccctg gtttgctcgt gagcttgtct 60
 atgatatgtg actccaaca gctgcacaac actgcgtcct ccctgagagc tgcagcagca 120

```

gtcaccgtcc acacgggtcag cagggaggat aggtaaacac atacaagatc aaccgcaaag 180
tagcattcgt gtttctagct gggacccaca gctgtctctg ctgctcttct agtcttcgga 240
agtgcctgtc tcacatgcac tgccaacatc tacacaccct gtcacaagag acccccagac 300
cacagccttc cagacgtctc catctacaca ccctgtcaca agagaccccc agaccacagc 360
cttcacagaag cctccatcta cacaccgtgt cacaagagag acccccaggc cacagccttc 420
cagaagcctc catctacaca ccgtgtcaca agagaccctc acactacagc cttccagaag 480
cctccatcta cataccatgt cacaggagac cctcagaccg cagccttcca gaagcctcca 540
tctacacacc atgtcacaag agaccctcag actacagcct tccagaagcc tccatctaca 600
taccatgtca caggagactc tcaggctgca gcctcccaga agcctcctga ggaaagcagg 660
gcttcatctg aagacaggct actggcatta agcttacttg tttttttgag acggggtctc 720
tgtctgtcgc ccaggctgga gaatgggtgt gtgatcacgg ctactgtag cctcgacctc 780
ctcaggctca ggtgattctc ctacctcagc ctcccagtg gcagggacta cagggtctca 840
ccaccatact cggtgtgattt tgtgtttttt gtagagacgg ggtttcacca tgttgcccag 900
gctggtctcg aactcctgag ctcaagccat ccaccacct cggcctcccc aaatcctggg 960
attacagatg cgaactaccg tgctgggcct aatcttactg ttttaatgta aaaatggaca 1020
gtcttgagga agacagattg ggaagattca tatcttcatg ag 1062

```

```

<210> 8907
<211> 1475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (304)...(1404)
<223> similar to gi2191152 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8907
attcccgggt cgacgatttc gtggccgtcc ggccctccctg acatgcagat ttccacccag 60
aagacagaga aggagccagt ggtcatggaa tgggctgggg tcaaagactg ggtgcctggg 120
agctgaggca gccaccgttt cagcctggcc agccctcttg accccgagggt tggaccctac 180
tgtgacacac ctaccatgcg gacactcttc aacctcctct ggcttgccct ggccctgcagc 240
cctgttcaca ctaccctgtc aaagtcagat gccaaaaaag ccgcctcaaa gacgctgctg 300
gagaagagtc agttttcaga taagccgggtg caagaccggg gtttggtggt gacggacctc 360
aaagctgaga gtgtggttct tgagcatcgc agctactgct cggcaaaggc ccgggacaga 420
cactttgctg gggatgtact gggctatgtc actccatgga acagccatgg ctacgatgtc 480
accaaggctt ttgggagcaa gttcacacag atctcaccgc tctggctgca gctgaagaga 540
cgtggccgtg agatgtttga ggtcacgggc ctccacgacg tggaccaagg gtggatgcga 600
gctgtcagga agcatgccaa gggcctgcac atagtgcctc ggctcctgtt tgaggactgg 660
acttacgatg atttcgggaa cgtcttagac agtgaggatg agatagagga gctgagcaag 720
accgtggtcc aggtggcaaa gaaccagcat ttcgatggct tcgtgggtgga ggtctggaac 780
cagctgctaa gccagaagcg cgtgggcctc atccacatgc taccacctt ggccgaggct 840
ctgaccaggg cccggctgct ggccctcctg gtcattccgc ctgccatcac ccccgggacc 900
gaccagctgg gcatgttcac gcacaaggag tttgagcagc tggccccctg gctggatggt 960
ttcagcctca tgacctacga ctactctaca gcgcatcagc ctggccctaa tgcacccctg 1020
tcttggttc gagcctgctg ccaggctcctg gacccgaagt ccaagtggcg aagcaaaatc 1080
ctcctggggc tcaacttcta tggatggac tacgcgacct ccaaggatgc ccgtgagcct 1140
gttgctgggg ccagggtacat ccagacactg aaggaccaca ggccccggat ggtgtgggac 1200
agccaggctc cagagcactt cttcgagtac aagaagagcc gcagtgggag gcacgtcgtc 1260

```

ttctacccaa	ccctgaagtc	cctgcaggtg	cggctggagc	tggcccgga	gctgggcgtt	1320
ggggtctcta	tctgggagct	gggccagggc	ctggactact	tctacgacct	gctctaggtg	1380
ggcattgcgg	cctccgcggt	ggacgtgttc	ttttctaagc	catggagtga	gtgagcaggt	1440
gtgaaatata	ggcctccact	ccgaaaaaaaa	aaaaa			1475

<210> 8908
 <211> 708
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (363)...(691)
 <223> similar to gil87177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8908	
cccacgcgtc	cgaggaggca gtatctctga aaaacctcat atacctgaaa ctgagggtcac 60
agagtactga	ggctgaacca gacagtagag aatgcttttc cttgactccc caaccacat 120
ccccctcacc	atcaggctag gaagcacatc aagcaacaag taaccacagc ctaccactag 180
agaggaagca	agagcataga ctctgaggtg aacatgcaca gtgaaggcct aaagcttggg 240
atggaacaat	accattgagg aaagtactcg agcaaaactg agtaacctat gaattatagt 300
ggaactcaaa	aggaaagtta aaacatatatt tgtattgaac gaagatgaaa catggcacac 360
gtggaatata	gctaaagctt agggggatat ttacagcatt acatgttata ctagaaaaga 420
aaaaagtgcc	ccaatttagt actttaagct ttacatttaa gaaactagga aaagaagagc 480
aaactaaatc	taaagcaagc agaaggaaga aactgttaag gataaaagtg ggaaccagtt 540
aaattgaaag	aaggaaataa tagagaaaac taataaacta aaagctagtc ctctgaaaag 600
atcaagattg	gtaagtctct agccagactg aggaaaaaga aaacacaaag tatcaacatc 660
aggaatagca	cttaggatgt caatggagat cctaaagaca ctaaagtg 708

<210> 8909
 <211> 1749
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (727)...(1474)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8909	
tttttttttt	ttgttttaac aaacatgttt attagaaaag taaaaaatat tgcataggtc 60

ttaataacttg	aacatcaagt	gtattcatga	acagtgaagta	tcttatcttc	atgtaaacag	120
ttctagatgg	aagaccaga	tggcactcct	cccggggagg	ggttccagcc	cccaccctct	180
cagcccctcc	cctgccagct	caactctgca	gtacacgatg	ggggaaggct	taaacgcagc	240
tgccagggtg	aatttttcaa	gtgtcaaaga	tcccaagtga	tccctgacac	ccacccttc	300
ctactcttac	attcatgcgt	ctgtaagata	gctgcctaca	acaggtcagt	agtgatgctc	360
cgatcagaaa	aacaagatac	aaaacaaaca	acaaacacac	ttgggtccctt	cagaccagta	420
agatacacia	accacctcca	cgacctccga	cctccccctt	ccctccgggt	gctctgagga	480
gcacgtgcct	cttccttcac	cctgggcccag	gctggggcgg	gagcagccca	gctgctctct	540
ggatgtcaca	ccactgttaa	ctgtcagtaa	caaaaataat	aagggtacatg	ctacacacac	600
atccagctgg	aagccttggt	ggcccctaag	cctttgtttc	atgctacagt	actgaggggt	660
atgtgtcccc	aatgcacagc	caccgcacac	caactcaatg	agcttcctgg	gaaacactat	720
tccccacct	ccaccttagg	tggctgcctc	agttttccaa	ccactggaat	cagtccctca	780
gctcctgcct	ctagtctcca	ccccaaaagt	tcagtcgtct	ctgtcttgga	gggcaactgtc	840
ggccccctca	ggttgaagtt	caacactcct	caatgagcag	ctgttccgag	ctgtacagct	900
tcttcttgat	gactcggaag	ccagtgtcct	gcgtcaggga	ctggctgaag	ccaggagagga	960
aggagagatt	ggcggagcta	aacagcccct	ggatcttggg	ccagagtcgt	gagtccaggc	1020
gcagcacgag	ggtcagctgg	aagggtgggca	ccaggctggg	gtcgagtgcc	agctggccca	1080
cgctgtggca	gctcttgccc	tgctccacgc	agacgtccag	cagcgccccc	cgcaggccgc	1140
acggctcgct	gtaggccagg	cgcagtagtt	ctttgcccac	ctggcttacc	aactggctag	1200
gcatcagcag	gcgcgcaggg	cgctcgagagc	ccagccgcgc	ctgggcccag	ctctcctgca	1260
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cgggcaacga	caccccatcc	aggtaagccg	tgtcttctct	cggcccgaag	ccactgttgc	1380
tgtgtccag	ggactcgag	tccgagctct	ccaggctcgt	ggagcgggtca	aacccctcct	1440
cccgggtcgc	cgacccccag	gctgagcgcg	gcggccgatc	tggggtggga	gttcggggca	1500
aggacgaggg	cgaagaggag	gtggacgacg	acgagaagcg	gtcccaaagg	ctaggcatgg	1560
tgaggacaga	cgccaggggc	tttgcctgat	aactcagagt	gccggagcgt	agaagccgca	1620
gctagcgcgg	tcagcgagaa	ctgctaagac	aagtgcgtcc	tgccgcttga	atgggtgtgc	1680
gaaccctgtc	caaccaccga	gagccgcccc	gaccctgccc	aggtccacgc	tcgcacctcc	1740
cccttgggcc						1749

<210> 8910

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(548)

<223> similar to gi4996098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8910

tttaggggtg	gagccggcag	gaaatttaaa	ctgaagccgc	ggccgaaaac	gccaagagat	60
tgatgctgta	gctgccctga	gataaccagg	actgtggaat	cggaagagc	tcatggagct	120
cgcgaatgta	atacggaggc	ctctgaggaa	ggagtacgga	ggccgagaag	gagccggcat	180
ttgatgagcg	aaccgggaaa	gggagacgat	tgccctcgagc	tggagagtcc	catggctgag	240
agtaggctcc	gggccccgga	cctaggagtt	tccagggtgtc	taggaaaatg	ccagaagaac	300
tcaccagggtg	ccaggaagca	tcccttttcc	ggaaagtcct	tttacttgga	tctgcctgct	360
ggcaagaatc	tccagttttt	gacggggggc	attcagcaac	tgggtggggg	aattgagggg	420
tttctgagca	aagaagtaag	ttacatcgtg	tccagccgca	gagaagtaaa	ggcagagagc	480

agtgggaaaa	gccatagagg	ctgccctagc	cctagcccca	gtgaggtcag	agtggaaaca	540
tcggccatgg	ttgattcaaa	aaggcagcca	ccccagt			577

<210> 8911
 <211> 1685
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1686)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1250)...(1685)
 <223> similar to gi454158 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8911						
ggaggcagga	ggaacatttt	ctcttggtgc	tctgccacat	gttgccctcag	ctcagccaat	60
tcagaaaccc	agaatgtccc	tacctgaaaa	cctgaaactt	cctattccta	gatatcaacc	120
ccctagaaat	agcaaagcat	caagaaagaa	acccatcctg	atctttccta	agagtggctg	180
tagcaaagct	cctgccc aaa	cccaa atgtg	tcctcagatg	tccccttccc	cacctcacca	240
ccctgaactc	ctgtacaaac	ccagtccatt	tgaggaagta	ccatcactag	agcaagcccc	300
agccagcatt	agcacagctg	cgctgaccaa	tggaaatgac	catggggact	tgagaccacc	360
agtgaccaac	acccatggca	gtctgaaccc	tcctgctacc	ccagcatcat	ccacaccaga	420
ggagcctgcc	aagcaggacc	tcacagctct	ttcagggaaa	gcacactttg	taagcaagat	480
aacatctagt	aaaccttctg	ctgttgccag	tgaaaaat	aaagaacaag	ttgatcttgc	540
aaaaaccatg	accaat	ttat	caccaaccat	tcttggcaat	gcagttcagt	600
agtccccaaa	gggaaactgc	caatcccacc	ctactcaaga	atgaagacaa	tggagggtta	660
caaaatcaaa	tcagatgcta	acattgcagg	tttttcttta	ccaggaccta	aggccgactg	720
tgataagata	ccctccacca	cagaaggctt	taatgcagcc	accaaggtgg	caagcaggct	780
acctgttcca	caagtgtcac	agcagagtgc	ctgtgaaagt	gccttttgtc	caccaccaa	840
acttgatctt	aaccacaaaa	caaaactgaa	cagtggagca	gcaaagagaa	aaggaagaaa	900
acggaaggta	ccagatgaaa	ttttggcatt	tcagggaaaa	aggaggaaat	atatcattaa	960
taagtgtaga	gatggtaaa	aaagagtaaa	aaatgatccc	caagaattca	gagacaaaa	1020
gctggggacc	ctgaaaaaat	accgtagcat	tatgccc aaa	cctatcatgg	tcatacccac	1080
tttggcctcc	ctggcttctc	caactacact	acagtcccag	atgcttgggg	gcctaggaca	1140
ggatgttttg	ttaaataatt	cactcactcc	taaatatctt	ggctgtaagc	aagacaacag	1200
ctcttccctt	aagcccagct	ccgtgttcag	aaatggattc	tctggcatta	agaagccttg	1260
gcacagatgt	cacgtctgca	accaccactt	ccagttcaaa	cagcaccttc	gagaccacat	1320
gaatacacac	accaacagac	gcccttacag	ttgtcggaat	tgctcgcaagt	cctatgtacg	1380
tcctggcagc	ctgagcacac	acatgaaact	tcacatggt	gagaaccgtc	tgaagaaact	1440
catgtgttgt	gagttttgtg	caaaagtgtt	tggccacatc	cgagtctatt	ttggccatct	1500
gaaagaagtg	catagggttg	tgatcagcac	tgagcctgcg	cccagtgaac	tgagccagg	1560
agacatacca	aagaacagag	acatgagtgt	gcgaggcatg	gnagggatca	ttgggagaag	1620
ggaaaacaag	tccaacctgg	aagaagactt	ccttctaaac	caggcagacg	aagtcccaaa	1680
aatta						1685

gaggagcagc	ccgggaggtg	tggcattttg	agctgcccac	cccaccgcgg	agttctcttc	1680
tccccacatt	gctcaggtgg	ccccgtgccc	agtccaggga	ggaagccagc	cacagttacc	1740
ccatccccct	ttcccaatag	gccttgtccc	agcctccctt	acacctaggg	gaggcaggag	1800
gcccttaggg	gtctggaaaa	gtctgtggag	caggaggggt	gggggtggct	cttgagaag	1860
cttctgtgtg	ctgacggagg	gagagagcca	cgctagggca	aggcctttct	ggccactact	1920
gccgagcccc	accctgcctt	gaaatttgtc	catgagggag	gcctgtgcca	tcttgtgacc	1980
gcaaacaagc	agacggcaaa	agacaaaagc	cagtctgccg	gcgatggcgg	gaagacgaca	2040
gtgatcgggc	ccacggtgac	agcgcttggg	gtccatcgga	catgcctggt	cggtgagaaa	2100
acactctgtc	ctctgttcta	agcacatctg	ttaggtgttt	tgtgacttgc	agccaaactc	2160
actgcgttcc	taactcaatg	gtctttccac	cccaccaccg	tccacgttgg	gcagggagtc	2220
atggtgtcca	tcccaaccgt	ctccttgtct	cagggccttg	gtgcttccat	ctgtgaaacg	2280
ggggagcatc	agatgaccaa	cttccaggtc	ccacgcgggc	ctccttgctt	cccagggcag	2340
gctggccctg	tgtctgggac	tggtaaccgc	catggcctag	acctgctctc	aggcaggcca	2400
gggaccgtga	ggaaaggatc	ctccctggcg	aggatcatga	aagaggagggt	gggtggccca	2460
gtaagacatc	atggcgaaaa	ggtactgggg	cttctctgga	ttcccctgaa	gactcagatg	2520
tcgaaggagg	cccaaggcag	aaacacagag	attcacagaa	attctccatg	agcaggaaat	2580
gaaatagaaa	gaatgcaaac	tgggaaagaa	atgaggcggc	tcagggtcatg	ccttctgggg	2640
agggagcgtg	ggcaggccag	gtggcggaag	cctcgccctga	tagtagagct	gagagggcaa	2700
catcagccaa	gaggggaacc	tgggaagggga	cgaggcctgg	gggcccctgac	actgcacgag	2760
gccccttagt	gccagggcct	ctcagcaacc	ttctgggcaa	agaactctca	cctctcccca	2820
ttttacatgg	ggggaaactg	aggcccagag	gcatgggggtg	ccggagatgc	ccccgtagag	2880
gggcctgggt	gtggaccctg	gattgtcctg	aactcctaag	tcaacctttc	caaaagcaaa	2940
ctctatgggg	aatcctgttt	tgtttttgga	ttaacacaga	tgttgtctgt	gttttaaaag	3000
ttttaccac	agaataaata	agaaagaaaa	tacaggccca	ctcacgccct	gtaatcccag	3060
cacttcagga	ggctaagaca	ggcagattgc	ttgaggccag	acgttcgaga	ccagcctgag	3120
caacacagca	agaccgtgtc	tctactaaaa	ataaaaaaac	taggccaggc	ttggtggctc	3180
acgcctgtaa	tcccagcact	ttgcgaggcc	gaggcagggtg	gatcacctga	agtcagggggt	3240
tcgtgaccag	cctgaccaac	atggagaaac	cctgtctcta	ctaaaagtac	aaaaaaatta	3300
gccgggcgtg	gtggcacatg	cctgtaatcc	cagctactcg	ggaggctgag	gcaggagaat	3360
cacttgaacc	tgggagatgg	aggttgcagc	cagctgagag	cgcaccattg	cactccagcc	3420
tgggggacga	gagcgaaaact	cggtctcaaa	aaaaaaa			3457

<210> 8915

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(479)

<223> similar to gi938238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8915

gcggggctga	ccgtgcgctt	cgccctgcggg	gtcgtgctgg	ggcggcggggt	acgctattttg	60
agaacaggt	ttccatgctc	ttagaggagc	atcagaaaaat	gaacaaaccc	cagaagtcca	120
gaaattaaga	gacctgataa	aggggaagcca	ggaaaaatcga	gatgcatatt	tgtggtacac	180
ttcagttctc	agtaacaaca	cactgactaa	gaagagggaa	tacgtttttg	ggaaaaacct	240
taatctgggt	gcaaaccag	tttcttcaag	aaaaatagcc	tgttagtatg	actcatgtgg	300
aatgagtttg	aatacgtttc	agaatcaagt	attagtata	aaaattatgc	cagtaataac	360

actgatgaaa	ttaatataag	tgagaagttg	ccttttgata	gtaatcagga	aaacactcat	420
actgggaaga	aatctgttgt	atatgaccaa	agtgggaagt	caccaagtca	tagtgagg	478

<210> 8916
 <211> 758
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (367)...(744)
 <223> similar to gi206716 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8916						
ttttagaaat	acaccagtag	taccggacaa	accaatctcc	aggaaccacc	gggttgagcc	60
gcaaaaacag	gaatcaggcg	cgcagcctcg	gccagtcggg	aagccactgg	cacctatggc	120
caggcgagaa	actgtttact	ttctccaccc	caccccagat	gcacacaatg	gagttgatgg	180
ctttggagat	gagaagcgcc	accggactgt	taaccccgaa	gggaagaaaa	acaagcaacc	240
ctaaaccacg	ctctgggcag	ggctgttaat	tgtgccgggtg	acaaatccga	tgattaatgg	300
gcaggggcag	gaggcgcggg	gagacggcac	gtccgttctg	agctggctcc	ggggcagcgg	360
cgcagcttcc	caccccgggg	ctgggcgcgc	gaccacgcaa	cggttggagg	gggctgagga	420
aaggggacgt	cgaacccacc	ccagccccac	ggctcctttg	tccccaaatc	cgcgcacggt	480
cctcggaaccg	cagctccgcg	ctcggtgggc	ttaagtttct	ttgttgtgcg	tgttgtcttc	540
tcctctccgt	tttgccagct	ggggggaagg	gggcgccttc	cgtccagccc	ctaaagcctc	600
gcggggaacc	gctgttagcg	gccaccacgc	gcaaccacac	cgggtcccgcg	gcggggccca	660
agcgcgaccg	gccccggggc	gctgccgagg	ttccagcagc	cccgcaggcc	ggactctgac	720
ccagggatgt	ggggcccgcg	tcgggacgcg	tgggtcga			758

<210> 8917
 <211> 1598
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1094)...(1598)
 <223> similar to gi484219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8917						
tttttttttt	gtagcggata	gccagtttta	atgaacagag	gatactgatt	ggtataaaaa	60
ggtgtgtttg	tcactgaggt	gtcctcattt	tctagatgag	gagttgtctt	ctccatggtc	120

ttagacgcct	gcttcgccat	ggcaccagcg	tctgggtgca	cgctggctgt	cgccacaggg	180
caggagctgc	tcatggaaag	gtgtgtgcc	ctagtgtgca	gcactgggtca	gcttttccac	240
atagtaacaa	cagccttggt	ctgggcctga	gaaggccccc	aaaggtagac	gaaaaggaac	300
catggccaaa	tgcctatcaa	tcagcccggg	acctaatgta	accaggacc	catgtgaggg	360
aggctgagcc	ttcacctttc	agcccttccc	tcagcatgtg	gttctcagtt	tagggcagag	420
cttcttaaga	ttcactttct	ggcgtttagg	ggcccagccc	caccagcagt	acaggcctac	480
accagtgtaa	tttgaacggt	acagacgggt	gaagaggaag	tctagggagc	ttgggtcctt	540
agaccaccag	ggagcaggga	agggatggga	agggctgggg	ggcggcgggg	gctcaccttc	600
ctctgcttcc	ctgtgggctg	ggttcagagc	tcctcagtgt	cctggcctcc	caggtgggat	660
caagcagggt	gggtgcagct	gcagcgttcc	aggcaagagc	tcaagctcca	gtaccaggaa	720
cataagggga	cataagggcc	tcaggcaaac	tagggttacg	ggccactgcc	ccaagagttg	780
agtgggccac	aagcaatccc	cagtgccccg	gcgttccccc	atgagagccg	ccagcaggca	840
acggtgtgcc	aggccggcct	gagcggggcc	agtacacagt	gggtgcgagg	cttctctcaa	900
atgcgcgctc	cagctcatca	gtcttagggc	ttctgaggca	acctagtggg	tcctggactt	960
ctgttgctgt	ggggcctcaa	acctgttgag	tagccacctc	agatgaccag	aaccacctc	1020
cagagttcct	atgaccaaag	ttgtctagag	ccgctccgga	cactgccagg	gttgctactg	1080
acaggaattg	ggtccccaga	gaaagccatg	cccacaggca	tccaccagct	gcagacaggc	1140
ccggcccttg	catggccctg	cttggctgca	ccttgtacat	cctggatggc	atctgccggc	1200
cacgggctga	gtccccacac	acacagactg	gccctggaga	gagcaaggca	agccccctaa	1260
cctgggacaa	gtggacactg	aggactccca	gaccagccc	tgggtggctc	cagcttggga	1320
ctgctccctt	aaggctcggt	cttggccctc	actctcctcc	ccttctggc	cctcatctgg	1380
acccgcgctt	tctgctgect	tgtggtcctc	tgtctcagcc	ctgggaggga	acgcgctcc	1440
cctgacactc	gaagccaggg	aggcctctct	ctttgcctgc	tgggcccggg	gccgctcttc	1500
agttctgcc	gggctgctga	ggcggcacag	gccagagagg	gaggaaccag	ggctgagggc	1560
aggaaccaca	gaggtgcaga	cgcgggggcg	gggcacag			1598

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<210> 8918
<211> 1940
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (128)...(1922)
<223> similar to gi2832777 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8918						
cttacgccaa	gcttggcacg	aggcggaaga	accgcgagca	gctcccagga	tgaactggtt		60
gcagtggctg	ctgctgctgc	gggggcgctg	agaggacacg	agctctatgc	ctttccggct		120
gctcatcccg	ctcggcctcc	tgtgcgcgct	gctgcctcag	caccatgggtg	cgccagggtcc		180
cgacggctcc	gcgccagatc	ccgcccacta	cagggagcga	gtcaaggcca	tgtttctacca		240
cgcctacgac	agctacctgg	agaatgcctt	tcccttcgat	gagctgcgac	ctctcacctg		300
tgacggggcac	gacacctggg	gcagtttttc	tctgactcta	attgatgcac	tggaacacctt		360
gctgatctct	tttttatttc	cagatttttg	ggaatgtctc	agaattccaa	agagtgggtg		420
aagtgtcca	ggacagcggtg	gacttttgata	ttgatgtgaa	cgctctctgtg	tttgaaacaa		480
acattcgagt	ggtaggagga	ctcctgtgata	ctcatctgct	ctccaagaag	gctgggggtgg		540
aagtgaagcc	tggatggccc	tgttcgcggc	ctctcctgag	aatggctgag	gaggcggccc		600
gaaaactcgt	ccgagccttt	cagaccccca	ctggcatgcc	atatggaaca	gtgaacttac		660
ttcatggcgt	gaaccagga	gagacccctg	tcacctgtac	ggcagggatt	gggaaccttca		720

```

ttgttgaatt tgccaccctg agcagcctca ctggtgaccc ggtgttcgaa gatgtggcca 780
gagtggcttt gatgcgcctc tgggagagcc ggtcagatat cgggctggtc ggcaaccaca 840
ttgatgtgct cactggcaag tgggtggccc aggacgcagg catcggggct ggcgtggact 900
cctactttga gtacttggtg aaaggtgcca tcctgcttca ggataagaag ctcatggcca 960
tgttcctaga gtataacaaa gccatccgga actacaccg cttcgatgac tggtagctgt 1020
gggttcagat gtacaagggg actgtgtcca tgccagtctt ccagtccttg gaggcctact 1080
ggcctggtct tcaaagcctc attggagaca ttgacaatgc catgaggacc ttcctcaact 1140
actacactgt atggaagcag tttggggggc tcccgggaatt ctacaacatt cctcagggat 1200
acacagtgga gaagcgagag ggctacccac ttcggccaga acttattgaa agcgcaatgt 1260
acctctaccg tgccacgggg gatcccaccc tcctagaact cggaagagat gctgtggaat 1320
ccattgaaaa aatcagcaag gtggagtgcg gatttgcaac aatcaaagat ctgcgagacc 1380
acaagctgga caaccgcatg gagtcgttct tcctggccga gactgtgaaa tacctctacc 1440
tcctgtttga cccaaccaac ttcattccaca acaatgggtc caccttcgac gcggtgatca 1500
ccccctatgg ggagtgcac ctggggggctg gggggtacat cttcaacaca gaagctcacc 1560
ccatcgaccc tgcgcctctg cactgctgcc agaggctgaa ggaagagcag tgggaggtgg 1620
aggacttgat gaggggaattc tactctctca aacggagcag gtcgaaaatt cagaaaaaca 1680
ctgttagttc ggggccatgg gaacctccag caaggccagg aacactcttc tcaccagaaa 1740
accatgacca ggcaagggag aggaagcctg ccaaacagaa ggtcccactt ctcagctgcc 1800
ccagtcagcc cttcacctcc aagttggcat tactgggaca ggttttccta gactcctcat 1860
aaccactgga taatTTTTTT atTTTTattt ttttgaggct aaactataat aaattgcttt 1920
tggtctatcat aaaaaaaaaa 1940

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<210> 8919
<211> 2011
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2012)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (156)...(2011)
<223> similar to gi4200216 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8919
agttcctggt ctctacaaca tttccttttc ttgggataca tggaggtggt gagggaaagc 60
tgagagaatg aaggctctaa atccccagtg gaagcatgat atggcgaagc agagctggtg 120
ctgaattggt ctctctgatg gctctatggg agtggatagc actgagtctt cattgctggg 180
tttttagcgg ttgctgctgt tcggatcagc atgccacaag ccccttcgac tggctcctct 240
ctgataaggg acccttccat cgctcacagg aatacacaga ttttgaggac agaagccggc 300
agggatttag cacaagatac aagatataca gggagtttgg ccgctggaaa gtaaataacc 360
ttgcagttga gagaagaaat ttccttggct ctcctctgcc tcttgccctt gaattcttcc 420
gcaacattaa gacttttggg acgtcgacct acccttcagc aaatcacaga aaaccttatc 480
aagaaatatg ggacacattt cttgctatct gctactctgg gaggagagga gtcactcaca 540
atTTTTgtgg acaagcggaa gttgagcaaa cgagctgaag gaagtgattc caccaccaat 600
agctcttcgg tcactctgga gacgctacat cagctagccg cttcttattt cattgacagg 660

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```

gacagcacc ttcgagact tcaccacatt caaattgcat ccactgccat aaaggtaaca 720
gaaacacgga ctggctcctct tggctgcagt aactatgaca acctagattc tgtcagttct 780
gttctgggtc agagtcctga gaataagatt cagttgcaag ggcttcaagt acttctccca 840
gactatcttc aggaacgttt tgtacaagca gctttgagct acattgcttg caattcagag 900
ggagagttta tctgcaagga aaatgactgc tgggtgtcact gtgggtcccaa atttccagaa 960
tgcaactgcc cctccatgga cattcaagcc atggaagaga atcttcttcg aataactgaa 1020
acctggaaaag cttacaacag tgactttgag gaatcagatg aattcaagtt atttatgaaa 1080
aggctaccta tgggaatttat tttcctcaac acatcttact attaatggca tttgtgggac 1140
aatgggttct aattttcagg cgccgtttat ggaaccaact ggggaacagc atgaaacaac 1200
ttttcctaaa ggcgagaaa attgtacaca agcttttttag gccttagcaa gaggtgtcat 1260
aaacaacccc tcatcagcct gccaaagaca agaacctcaa cctactggct tactcgcatc 1320
cagtccttttc tctactgcaa tgagaacggc ctccataggca gcttttcaga agagacgcac 1380
tcgtgcacgt gtccgaatga ccagggtggtc tgcacccgct tcctgccctg cacagtggga 1440
gacgcctctg cctgcctgac atgcgcacca gacaaccgca cccgctgcgg cacctgcaac 1500
accggtaca tgctcagcca ggggtctctg aagcctgaag tcgccgagtc caccgatcac 1560
tatattggct ttgaaactga cctgcaagat ctcgagatga aatatctgct gcagaaaacg 1620
gacagacgaa tagaagtcca tgccattttt atcagcaatg acatgcgcct caatagctgg 1680
tttgatccct cctggcgtaa gcggatgctc ctacacctga agagcaataa gtacaagtca 1740
agtctgggtc atatgatttt gggctctctt ttacagattt gcttaactaa aaacagcacc 1800
ttggagccag tgttggctgt ttatgtcaat cccttcggag gcagccactc tgagagctgg 1860
tttatgcctg tgaatgaaaa cagctttcca gactgggagc ggactaagtt ggacctacc 1920
ctgcagtgtt ataactggac attaaactct gggaaacaaat ggaagacatt ntttgagaca 1980
gtacacatct acctgagaag tcgcatcaag c 2011

```

```

<210> 8920
<211> 2273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (641)...(1547)
<223> similar to gi4314381 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8920
ttcatggctg acccacgcgt ccgctggggg atccagtgac gtgcccatcc acttagacca 60
ggtgagactg gctgatggtg tctggggctg catgtgactt agttggggga cctgctcttg 120
gcctccagac tgggcctgat ggcgtgggag cctgcctgtg tgcaggccca agggctcagc 180
tgctctgtgc tgttcccaga cccctcctcc tgtagagagt ggtgctgccc tctcgggatg 240
tacctgcagg tggagaccgg caccagctcc cgcctccatc tgaagagggc tccaggcatc 300
cggctcctgg cctgctggt tggaaatctt tgcattggcc tggctgctgc ctactacagc 360
ggagatagcc tgggctggaa gctcttctac gtcacaggct gcctgtttgt ggctgtgcag 420
aacttgaggg actgggagga agccatcttc gacaagagca cagggaaggt tgttttgaag 480
acgttcagcc tctacaagaa gctgctgact cttttcagag ctggccacga ccagggtggtg 540
gtcctgctcc atgatgtccg tgatgtgagc gtggaggagg agaagggtccg gtacttcggg 600
aaaggctaca tgggtggtgct ccggcttgcg acgggcttct cccacccctc cacgcagagt 660
gcagtcattg gccaccgcag tgatgtggaa gccatcgcca agctcatcac cagcttctctg 720
gagctgcact gccttgagag cccacagag ctgtctcaga gcagcgacag tgaggccggt 780
gacctgcaa gccagagctg acagccccac tgtgcctgag cccgtgcacc gcccacagga 840

```



```

cccatggcac attccccgtg tgcctgagcc cgtgcaccgc ccacaggacc cgtggcacat 900
tcccgggtgtg cctgagcccg tgcaccgccc acaggacccg tggcacattc ccggtgtgcc 960
tgagcccgtg caccgcccac aggacccgtg gcacattccc ggtgtgcctg agcccgtgca 1020
ccgcccacag gacccgtggc acattcccgg tgtgcctgag cccgtgcacc gccacagga 1080
cccgtggcac attccccgtg tgcctgagcc cgtgcaccgc ccacaggacc cgtggccttg 1140
gcttcagttg gtgcctccag ccgagttggc ctattgcctg ctcatgctgc tgcttgaca 1200
ctgcatgaaa cagcaggcca gaccaggaca tccagacttt ctccatcgtg aggcctgggc 1260
ctgcctttct gcagccggag gtctcgccag ccctggactc ctgctttggg ccacagcaag 1320
acctcgggcg agtggagagg cggggccagg ccgggccctt gtgggtgctg atgctgcatg 1380
ttgtccccga cacagcgccc tctccctggt ggacatcccc agcggtcagg tgcttcccca 1440
agggcagtgga ggggtgaaca tccagggcct acctggctgt gcacgctgca gccacactgt 1500
ggaagctgcc cctccccgag gacccgcctc ccttgctgat gccaggatct cggcgcatag 1560
accactctgc cccagcggtc gtcacagaaa ggtctctctg ttcctcacac tcagcttcag 1620
cataagctgt gaggccagaa aaaaggctcag ctcttctagt atcgtgcagt gcttaaaaac 1680
cgggagctcc agccgggccc agtggttcat gccagtaatc ccagcacttt cggaggccga 1740
ggtgggagga ttgcttgagg ccaggagtgc aagaccagcc tgggcaaac agcaagatcc 1800
tgtctttgta aaaaaactaa ccaaacagga aaaactggga gattttctgc agaaattgag 1860
ttccagcctc tctcgaacct gggaagacct ggcaggaggg ggctgggctc tcggctacag 1920
acttctcccc accccgtagg agctgaacgc caaccatcct gacccgccag tgctcttggt 1980
ctcctgagtg taccaggtc ctcccaggtg cgggtgtgcac cgagcgcgcc tggcctgatg 2040
ccctggcctg tgagctgggg actcctgggg cctgtgagcc cctaggcggc agggcccagga 2100
atggctgggt aggacaggga acacctttgc cccacgtctg gctgtgacct cgggtgaaagc 2160
cgacaggaga gagatgggac cctcctcctc agtagtggtt gccagtcctt cggtgcagga 2220
cagggtcatc ataaccataa ataacccttc acgtgtcacc tgcaaaaaaa aaa 2273

```

<210> 8921

<211> 984

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(985)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (310)...(984)

<223> similar to gil049301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8921

```

aagggacatg aaagtatcct ttgagataat ctttccattc atcagtgttt atctagcatc 60
tgctcaagag tgtgtgtcag tggagggaaa tcagatgacc tcccagtctg gttgtgttac 120
atacaatcat gtgtaagaag tgccattcaa gccgtgtcac tggaggggac tgacagttag 180
tgagtgtgga taaagaggac ctccctggggg gggcaatgtg agccctcaga ctctgtaggt 240
attgcatttt gcagtgaaca ctggtagaca tgttttgtgg ctcaagccag catgtgtgtg 300
atggttttag attcagtgc ttttgatgat ctggctgtgg acttcacccc aaaagaatgg 360
actttactgg acccaactca gagaaacctc tacagagatg tgatgctgga gaactacaag 420
aatttggcca cagtaggata tcagctcttc aaaccagtc tgatctcttg gctggaacaa 480

```

gaagagtcta	ggacagtgca	gagaggtgat	ttccaagctt	cagaatggaa	agtgcaactt	540
aaaaccaaa	agttagccct	tcagcaggat	gttttggggg	agccaacctc	cagtgggatt	600
caaatgatag	gaagccacaa	cggaggggag	gtcagtgatg	ttaagcaatg	tggagatgtc	660
tccagtgaac	actcatgcct	taagacacat	gtgagaactc	aaaatagtga	gaacacattt	720
gagtgttatc	tgtatggagt	agacttcctt	actctgcaca	agaaaacctc	tactggagag	780
caacgttctg	tatttagtca	cgtgtggaaa	aagccttcaa	gcctgaaccc	agatgttggt	840
tgccagaaga	accgttgcac	aaggaagaag	aaagcttttt	gattgcagtt	gactctgggg	900
aaatccttcc	attaatccat	tcacaccttc	cagggacatt	taagaactcc	acnatggggag	960
aaagtctccc	atggaaatgg	gaag				984

<210> 8922

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (206)...(475)

<223> similar to gi65184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8922

aacaccagag	tttttaagag	atgttagaag	ccctgggagc	actgaacaaa	ccagaaagct	60
cccgaccctt	gatccctgag	ctccacctag	caagtaccgc	ggcagctaac	ctgggagaat	120
acccaacca	acagagactg	aaattcgctt	cccagagagag	taagtggata	attctaacct	180
gtccctaacc	atggcctcac	aaaggaaaac	taaccgttgc	gaacggaaac	aactgaccgg	240
acagaacaca	gccacaaaac	acgagcccg	accctgaatt	acaaaaacac	ttacgggtca	300
tctactattc	gcaccacaaa	agcgccagg	gaaagcacga	acgcagcccc	ccactatcac	360
aaattatgca	gtcgagtttc	ccacatttgg	ggaaatcgca	gaggtcagca	catctggaac	420
gcaatggata	agccgcgacc	atgagaaaaa	cgccttcatg	atcatggtat	ctcccgtcga	480
cgcggccg						488

<210> 8923

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(776)

<223> similar to gil732073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

[illegible]

```
<220>
<221> misc_feature
<222> (1)...(484)
<223> n = a,t,c or g
```

<400>	8924						
tttcgtagcc	ggtgctgctg	caggctgagg	ctgcggcaga	ggcggcgagg	cgcgggcggt		60
gaggacggac	agtcaccgac	ttagtccagt	tccctgtgat	ctcaaaacaa	ttgttgacgc		120
aggctcctgg	cagtctcaag	cagttcatct	tcttggtgta	ctggtttcct	attgtgattt		180
tatcatggaa	aatcaattgg	ctaaatcaac	tgaagaatga	acatttcagt	accaggattc		240
tcttccatca	ctgcctgttc	cttcacttga	agaatcatta	aaaaaatacc	ttgaatcagt		300
gaaaccattt	gcaaatcaag	aagaatataa	gaaaactgaa	gaaatagttc	aaaaatttca		360
aagtgggatt	ggagaaaaat	tgcaccagaa	attgcttgaa	agagcaaaag	ggaaaaagga		420
attgggggat	ttgtttgtta	taattgaatt	attgatgatg	ttttaagat	tgataantaa		480
aag							483

7431

Questions are asked about the possibility of a "second look" at the evidence.

<221> misc feature

<223> similar to gil83233 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

gtggcactcg	gccggaactc	ccgggtcgac	gatttcgtgg	aagcctcgcc	tggggggcgg	60
cagtggcctg	ggcggtcttc	cggtgctgt	tgtatggtg	cacgttggcg	ctaccggacg	120
ggatgctgta	tccccgagag	agcccgtcgt	ggcagcgcaa	gcagctggac	ggcctctgaa	180
gcttccgcgc	cgacttctcc	gacaaacgac	gccggggctt	cgaggagcag	aggtaccggc	240
gaccgctgtc	ggaggcgcgg	actcggggca	gggccaggag	tcgcccgga	gcccggcggt	300
gggaatgggt	caggccccac	cgtggacatg	ccggttccct	ccagcttcaa	cgacatcggc	360
cagggctggc	ggctgcggca	ttttgtcagc	tggtttgtgt	atgaacggga	ggtgaccctg	420
ctggagcgat	ggatccagga	cctgtgcaca	agagtgggtg	tgaggattgg	cagtgcccac	480
ttctatgcc	tcgtggtatc	ccaagggtta	ctttgtccag	aacacagact	ttgacttctt	540
cagctacgca	ggactgctgt	ggtctctgct	tctatacacg	acacccccca	cctacatcga	600
tgacgtcacc	gtcaccaccg	gcgtgaagcg	agacagtgg	gagggcttct	ggactggatg	660
gaggacctga	agacgtgagg	tggaggcaca	ggtagaagag	aagattctca	ccatcgctga	720
ttcacacaaa	agcatttctc	caagtggttg	cagatgacat	gatttcccaa	agtgttagag	780
ctgaagtgtg	tttcttgtg	tatatatact	gtggttcctt	tatcccttca	tctgtggata	840
gacagacaga	gtcttgctct	tgttgcccag	gctggagtgc	agtggcgcg	tttcggctca	900
atgcac						906

<211> 771

<213> Homo sapiens

<221> misc feature

```
<223> similar to gi4589622 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

gagcgcggac	ggcggcggga	gcgcgcgaga	agctctagga	cccagcagcg	gttgtcgggt	60
ttggggctgg	aggtgaagcc	ctgtgtgaat	ggggttgatt	gtccggcgcc	acttccccgc	120
gctgccggc	agccgtcttc	cccagccgag	ggactgaact	agccatgac	gcctcatgtg	180
gagggcaaa	ttgcgccggg	gaacttgtga	gcctgcggtg	aaagggccc	cttctgcttg	240
ttatagcccc	agtagtcctg	tccaggttct	agaagactcc	acctactttt	cccagactt	300
tcagctctat	tctgggaggc	atgaaacatc	tgctttgacg	gtggaggcaa	ccagtagcat	360
cagggaaaaa	gttgttgaag	atcctctttg	taacttcac	tcccaaact	tctgaggat	420
ctcagaggtg	gaaatgagag	gttccgagga	tgcggcagct	ggaacagtat	tgcagcggct	480
gatccaggaa	caactgcggt	atggcacccc	aaccgagaac	atgaacttgc	tggccattca	540

gcaccaggcc	acagggagtg	caggaccagc	ccatcctaca	aacaactttt	cttccacgga	600
aaacctcact	caagaagacc	cacaaatggt	ctaccagtca	gcacgccaag	aaccgcaggg	660
tcaagaacac	caggtggaca	atacgggtgat	ggagaaacag	gtccgggtcca	cgcagcctca	720
gcagaacaac	gaggaactgc	ccacttacga	ggaggccaaa	gcacagtcgc	a	771

<210> 8927
 <211> 1258
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1259)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (169)...(1258)
 <223> similar to gi405192 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8927	
attttgcggg	aagaggaggc gctgtacctg cagtgtctgct tttcttgcoct agactctagg 60
aactatccga	gctccactcc ccacaacata ctcaaaggaa cggagagAAC cgggaccccc 120
cctgcgggga	cccggaaactg atctgacagg atggcatctg atgactttga catagtgatt 180
gaggccatgc	tggaagctcc ctataaaaaa gaagaggatg agcaacaaag gaaagaagtt 240
aaaaaggatt	atcctagcaa taccaccagc agcaccagca acagtggcaa tgagaccagt 300
ggaagcagca	ccatcgggga gacaagcaat cgtagtcgag atcgggatcg gtatagacgg 360
agaaatagtc	ggagccgaag tccagggtcgg cagtgtcgtc accgtagccg tagctgggat 420
cgtcgacatg	gtagttagtc gcgaagtcgg gaccatcgtc gtgaggatcg tgtgcattac 480
aggagtccct	cacttgccac tggggagcca gttgataatc tgagtccctga ggagcgtgat 540
gcccgcacag	ttttctgtat gcagtttagct gcccgaaattc ggccctcgaga tctggaggac 600
tttttctctg	ctgtaggcaa ggttcgcgat gtacgtatca tctcagatcg gaactcacgt 660
cgttctaagg	gcattgccta cgtggaattc tgtgaaatcc agtctgtgcc actggccatt 720
gggctgactg	ggcagcgggt gctgggagtg cctatcattg tacaggcttc acaggcagag 780
aaaaaccgac	tggcagccat ggccaacaac ctgcaaaagg gcaatggtgg accaatgcgc 840
ctctatgtgg	gttccttgca cttcaatatc actgaagaca tgctccgggg catctttgag 900
ccctttggta	aagttagtag aagttagaga aacctctgaa gggaattgga agaagtgggg 960
agggtagagt	tttgagtgtg cttctctggt gtgcctggcc gtgattaact tgctgcatac 1020
gtcatagtgg	gcatatgagt ctatgctgtg aaagtttggc tccatctctg ttcattgtgt 1080
tggtggacaa	ataagttaga cacaaatcaa ataataggcc aggttaagaa agattaaaaa 1140
atacaaaaat	tagccaatgt ggtggtgcac gcctatagtc ccaactagtc gagaggctga 1200
ggtgggaggg	tcacttganc ctgggaggtc aaggctgtag tgagcctcgg aaaaaaaaa 1258

<210> 8928
 <211> 596

0040320540

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (314)...(585)
 <223> similar to gi2104910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8928
 tttcgtggaa aagagctggc tggaagacac atactctctg aagatcaagg gggaggccgt 60
 ccgcgtacta catagcagtc acgtgaggct gggacaattc ctgtttacag agaactataa 120
 aagccctgcc ccctcctcac ttggggctga tgccattcta ggccctcagtc tgtctgcatc 180
 caggtgctta ttaaaacagc gtgttgctcc acaccgcctc gtgttgctctg ttggcgcgct 240
 ctccgggttc caaccaatgc aagagccttg gggctggccc tgaaacctgc gaggggcttc 300
 cgtccacgtc ccagtgagc ctaccacccc tccatctggg aaagcaggcc acagcagccg 360
 gacaaaggaa gctcctcagc ctctagtcgc ctctctgtgc atgcacatcg gtcactgac 420
 tcgcctactg gcacagacgt gtttatcggc caaactgacc ctcacaaaaa gctaccaccg 480
 aagtggacag gcccctacac tgtgatactc agcacaccaa ctgcagtgag agtccgagga 540
 ctccccaaact ggatccatcg caccagggtc aagctcaccc ccaaggcagc ttcttc 596

<210> 8929
 <211> 417
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (109)...(390)
 <223> similar to gi804810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8929
 tttcgtaaat aaacaaataa accccacatc cattcctggt aagggaatac attcttacgc 60
 atccagggat aaaagaagat ttattttatg acagaatact ataagaaacc agtagtaaat 120
 atcatatatg atgtatcatt tattgataag aaaccaatag caaacataat acataacggc 180
 ataaccttac cagtgtcctc attaaagtaa aaaaaacgag acaaagatgt ccactgtcat 240
 ctccactatt caaccttggt ctggagtttt cagccaatac agtagaagac caggaaaaag 300
 aaaaaagaag tacacatatt ggaaaagaag agttaaagtt ggcattaata acagatgatc 360
 tgattgtcta cctataaaat tcaagataat tcatgataac taataactaga gttcaga 417

<210> 8930
 <211> 635

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (146)...(626)
 <223> similar to gi3702111 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8930
 gctgaagaga cctggagccg acagacgggt ctgggtctgc cgcccaggat ggagtacaat 60
 ggtgtgatct tggctctttg caacctctgc ctccctgggt caagccttcc tcccacctga 120
 acctcccaag tagcgggact gcagggtgaa ggccatgccg cctcctggga aagttccccg 180
 aaaggagaat ctgtggctac agtgtgagtg ggggtcctgc tccttttgtg gctcaaccat 240
 ggaaaagtgc tttgagcatg tcaactcagca cctgcagcag cacctgcatg gctctgggga 300
 ggaggaggaa gaggaagagg aggatgaccc acttgaggaa gaattctcct gcttgtggca 360
 ggaatgtggc ttttgttctc tggacagtgc tgctgacctc atccgccatg tctacttcca 420
 ctgctaccac accaagctga aacagtgggg gctgcaggcc ttgcaaagcc aggctgacct 480
 tggcccctgc atcctggact tccagagccg gaacgtcatc cctgatatcc ctgaccactt 540
 cctgttgtct gtgggagcac tgttagaatt ccttcgacaa tcctgagtgg ttttatcggc 600
 atgtggaagc acacagtctg tttctgtgaa tacga 635

<210> 8931
 <211> 461
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(461)
 <223> similar to gi5726236 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8931
 ttgcctcttt cactatgggc aaacttccac cctccattcc tccttcttct cccttagcct 60
 atgttctcaa gaacttaaaa cctcttcaac tctcacctga cctaaaatct aagcatctta 120
 ttttcttctg caactcctct tggccccaat acaaactaac aatggttcta aatggccaga 180
 aaatggcact tttcatttct ccgtcctaca agacatagat aatttttgtt gaaaaatggg 240
 caaatggctc gaggtgtctt acgtccaggc atttttcaca cttcgttccc tccatagtct 300
 ctgttcccaa tgcgactcgt cccaaatcct ccttctttcc ctacacctg tcccttcagt 360
 cccaaccacg agcgtcgtct agtcttgtga ataatactat tctgctgaac catctgacct 420
 ctacacttct tcccagactg ctccacgaaa tcgtcgaccc g 461

<210> 8932
 <211> 1039
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (658)...(1039)
 <223> similar to gi200543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8932
 tttggggggg cagtatcatt ttaactaggg aggagagggg aggcttccct taagaggtga 60
 tattttcaact caaggatggt aaagagggaa gccacaaaga cactcgaaat aaaggtttca 120
 gggaagggac agacagcagg ggtggcggag aggtgggtgc ggggcaggag ggccatgaag 180
 gcgctcgtgt ctccctgcgag ggctcagggg gctcggcctg tcataaatgg acttaggctt 240
 tgacagagca gtttagctgc cctaaagaaa cctgggaagg ttcccttggc acttgggatt 300
 gtccgtttcc ttttctgtct atgtgcgctg tctatgctgg acttgagata attctccgga 360
 gtccgactca ccaggagact cgggtgtcac ccagattgac cttcaaggct catttcttgt 420
 cagtccagta cccgtcccct cgggtcacac gaccatccag aaacctcaaa ttcagtccat 480
 gcttcttgtt ttgggtctcg gggctgggat aaggcggggc tgaccaccgc ggggcatgta 540
 ggtagtttcc gtggtgctgg gggcgctctc cagggaagac tacttggtct gcagaaaagg 600
 ccttgacttg tgcataacct ggcagcgggc ctatgagtgg cagcgagagc ggggtaacca 660
 gagagggcac acccccacac cggagcgccc ccaggttgg catctccaca actgtagaac 720
 ctcccccatc agggcaaccc tcccgattgg gacaccgcc ccagccagac acatcctcct 780
 agcagaacac ccatgcttag ccggagccgc tcccccgcca gacacctccc caccgggaaa 840
 cctccccag tgggacaccc cagccagtc aggtattccc gccgttaggg acacccccctc 900
 cagccggagc ataccctcgg caggggcatt cctctcaacc gagggaaacac cgccgcaacg 960
 ggaacctgcc tgaaccagag caccataacg cgccggggac accccacagg cggtccccgc 1020
 gcacgaagtg gtcgatccg 1039

<210> 8933
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (578)...(807)
 <223> similar to gil247388 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 8933
ggtgctgcct gggctgggct ccagctcaca ccctccctaa aaggaaatgg gagaaaggac      60
cggccaaaca agaggggttaa ggtagagaa gggggacaca aatgtcttca ggcttaggtc      120
cctgggggct cccagtcctg cccctgttcc tctactcaca tcccagctcc tcccagtttc      180
ttttcggacc tcctcctctc cccttccttc tntattccag gctgggttgg gctctaagca      240
aggggagggg ttagagcctc ctctcctctc gcccctcccc atgggtctct aggggggctgg      300
tgcaggcagc agcagaggca ctctgggcag ctgggtgagg gcccatctgg gcaaggcccc      360
cagcgccctgc cttctctccc ggggccctgt gggcaagcct cctgcttcac tttcaggttt      420
ctcgaagtgc cttcttgctc ctgtctgttt ccccatcctg ccagatttct gtttctcttg      480
ctgggctttt ggcagtaggg ggctgtgttg gtgggcccta cgaagatgct cagtgtcga      540
gatcgccggg accggcaccc tgaggagggg gtagttgcag agctccaggg cttcgcggtg      600
gacaaggcct tcctcacctc ccacaagggc atcctgctgg aaaccgagct ggtaacagct      660
gcctcccaac ctggtgcctc catctccctg acccccggct cctggccagc cttatgccag      720
ccccagctc acccttcagt agcctccttc cccaagccct ctggacacct ctctgcccg      780
cagctgcccc ttcttcgtct cctactctgc cttcttgctg cctca                        825

```

```

<210> 8934
<211> 1131
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (826)...(1133)
<223> similar to gi2429362 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8934
gagtggtaaa attcacagaa gttccagggt catcatgtca ggatcattcc ttgtgcaaag      60
tttgatgtag atgaagataa agtgggtttct tgggtcaataa ttgcaattgc tttcttttaa      120
agtcagtggg tttcttgat agttctatta caattggccc aagtttaatt tcatccatct      180
ccatgaaagc aaaacacttg gtgctggtaa accttttttt aggctttag tagttgaatt      240
caaagaagat agctgcacct ttgggttaatt tttcaacatg cttctggagc tcaatgtcca      300
cattaaaatg aacatatgta tcttcttttc ttgaagccac aggagtatct tgcacaggag      360
ttaagtctat gccattcaga tcctttacac taactgtaat atagggattg atgcaactgc      420
cagcatcttt caaaccaatt ttctcaattc tgatagttag taatgtcatt cctgggtccg      480
atggcaacct tggtataaaa gtaccgggaa ctctagcagg aaaagaatca ggagaccctg      540
ctccagcacc accctcttct tcatcttctt caaattccaa attctcttct tcaccagggtg      600
ccaaaattct tcttaatggg acaggctgaa catcaaattg gaattcttta ttatatgtaa      660
gaatattctt taggattggg tctagcttct tcaggctctc cagttttaa tcttcttgag      720
actgtgtgga ctgtaaagct gcacttcgca attccaagca tgttgcaatt ttgcctatgg      780
ttttcttttg ttctctgtg aattcagaat tattgtgttg agcttgggcc tccttttgta      840
gatgtcttgc taatatctga tactcgtcta tcgcctccac cagctggccc caagagtoga      900
agtcggcgcc tctcctaaaa ctggcgcccc agcgtgcag cagactccgg gtcacctccg      960
acatggccgg tccccacccc gtccccctcc gccctaccc cagcaaggcc gggttctagg      1020
gcgccatcct ccccgccct ggccccgaca ttaacagggc caggaggaac cgctacggcc      1080
accaccgcca ccgcgcgagg agccgcccaa gccatttgc cgcccatgta t                        1131

```

<210> 8935
 <211> 716
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (407)...(709)
 <223> similar to gi1330342 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8935
 agagatctca ggccgcagct ttgctttcct catgctcttc ctggctgggg cgtctgggtc 60
 actcactgga ctctcctctc cttagacctg tgcacaagca cacacgggaa ggcatacctga 120
 cagggtggtg gaagagaagg cagctgcctc actgcggaaa gagcacggcc gtcctctggac 180
 tccagccctg ttggggctgg cggggtcagc aggcgctggg ttccagcctc aggtgggggtc 240
 tttggagggtg gcctctgggc acaggcacct cctctgcggc cttctcacca ggtcacgggt 300
 cagggaggct ttgccggcta cggagcctgc ccacaccaag gcgcgcacga ccacctgtcc 360
 agagatgccca cgcgggctgg gcggcgaagg ccaaggacac gccctgcctg gtgtcggggg 420
 caaagggttag gcctggaagg gaggtgtggg gtggggaccc cgaggccagg gctgggcccgc 480
 tgagcttcag ggcccttggg gggctcaggg aggaatgccg gaggacccca gcatcaggag 540
 gaacccctgg agagctacgg caggactcac ctgtggggca cagggaggga tcaccaggga 600
 aatggccctt gtggaggatc tcccctctac ccccagggca ccaggggagg atctactagg 660
 gggttctggt ggaaggggccc acccggaag cggcgcgcgg ggaggactcg acgaaa 716

<210> 8936
 <211> 876
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (443)...(840)
 <223> similar to gi5824892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8936
 attcccggt cgacgatttc gtcagtagtg tactgctgag gtcaggtttg gggccggttg 60
 gtgccgtggc gcgcgcagggt aagcgtcagt cccctcgaag cccggttgcc gtggaagccg 120
 cgtggggcgc cttcctcagc tcttcagttg agggtagcgg gggatcaagg gctcgggggc 180
 tcaattccac cttgaaggta ccctgggctg gaaacgggtc cggtagaaac gcaatagggc 240
 tgcgtagtcg tgggcaagtg ggtgctgtct ctgcgccccg tgggcgtgct aagcacagta 300
 gcccgcggtc tgcgggtggg cgagggttaag ggttcacgaa gctgttttga aaacgctcag 360
 gcggcttgcg ctggtgaatg gtcagattta tcatggggtc tgtttaattt gtgtttttcg 420
 cagccattcc ttttatttgg agagggaat acttcagctc cgggaatgag cctgcagaaa 480

```

acccggtgac gccgatgctg cggcatctta tgtacaaaat aaagtctact ggtcccatca 540
ctgtggccga gtacatgaag gaggtgttga ctaatccagc caagggttat tatgtgtacc 600
gtgacatgct aggcgaagaa ggagatttca ttacttcacc tgaaataagt caaatctttg 660
gggagctact aggtatatgg ttcattagtg aatggatggc cactggaata agcacagctt 720
tccagctggt ggaactgggc ccaggtaggg gaaccctcgt gggagatatt ttgaggggtg 780
tcacttgact tggatctgag ctgattaaac gggacatttc tggacatttg tctgaagtag 840
ttcatatcaa tagtggagag tcatacattt actctg 876

```

```

<210> 8937
<211> 1091
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (168)...(966)
<223> similar to gill181628 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8937
tttcgtggga gagtaggcgg agcagggcgg tgcggtgtgg cgtagagctg gagggcgatg 60
gtggcgggagc tgctgggggc ggaggcaacg tagccccctc ggaaaaggag cccggcggcg 120
cctgagccca gccgaggatg gagaaccggc ctgggtcctt ccagtaacgtc cctgtgcagc 180
tgcaagggggg ggcaccctgg ggcttcaccc ttaagggggg tctggaacac tgtgagccgc 240
tcacagtgtc taagattgaa gatggaggca aggcagcttt gtcccagaag atgaggactg 300
gtgatgagct ggtgaatata aatggcactc cattatatgg ctcccgccaa gaggccctca 360
ttctcatcaa aggtccttcc cggattctca agctgattgt caggaggagg aacgcccctg 420
tcagtaggcc gcactcatgg catgtggcca agctgctgga gggatgccct gaagcagcca 480
ccaccatgca tttcccttct gaagccttca gcttgctctg gcattctggc tgcaacacaa 540
gtgacgtgtg tgtgcagtgg tgtccactct cccggcattg cagcaccgag aaaagcagct 600
ccattggcag catggagagc ctggagcaac catgccaaag cacctatgag agccatctgt 660
tgcctattga ccagaacatg taccctaacc agcgtgactc agcctacagc tccttctcgg 720
acagctcaaa tgcttctgac tgtgcccttt ccctcaggcc agaggagcca gcctctacag 780
actgcatcat gcaaggccca gggccaacta agggccccag tggccggcct aatgtggctg 840
agacctcacg aggtagtggg tgcaccaatg gggggccact gacccccagc tctcagatgt 900
catcccgtec acaggaggga taccagtcaa ggccccgcc aagcagtcag gggcccacca 960
caaccttcca tgatgcggtt acagccttca agcctccaga acccaacttc tcaatggaga 1020
gcagcgcacg gcaatctgaa cctgtggtcc ccttgcccag aaggagaaac tgagcttaaa 1080
gcctgggctt c 1091

```

```

<210> 8938
<211> 1191
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (177)...(837)
 <223> similar to gil293145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8938

tttcgtgtga	ctccgtgggc	ctggcgtgga	ggcggggg	ctaggctgca	gctggctcgg	60
aatcggggct	ggtttctgt	ctggaaggga	aggggcctgc	agaaggagc	ggggacagca	120
gcagacaggc	acacccctgc	cttctctct	ccctctctc	ccttctctg	aaaagcgagg	180
acacggagtt	gcagaggaag	ctagaccatg	agatccggat	gaggggaagg	gcctgtaagc	240
tgtctggcagc	ctgctcccag	cgagagcagg	ctctggaggc	caccaagagc	ctgctagtgt	300
gcaacagccg	catcctcagc	tacatggg	agctgcagcg	gcgcaaggag	gcgcaggtgc	360
tggggaagac	aagccggcgg	ccttctgaca	gtggcccgcc	cgctgagcgc	tccccctgcc	420
gcggccgggt	ctgcatctct	gacctccgga	ttccactcat	gtggaaggac	acagaatatt	480
tcaagaacaa	aggtgacttg	caccgctggg	ctgtgttct	gctgctgcag	ctgggggaac	540
acatcccagg	acacagagat	gacccatagt	gacaaggacc	ctcacagaca	tctccttttc	600
agagcaaattg	tgtctctcgc	tgaggcgggg	gccagacttt	tgaacttgcg	gttttagagct	660
gtatggggcc	tgtgtggaag	aagagggggc	cctgactggc	ggccccaaga	ggcttgccac	720
caaacttcag	cagctccctg	ggccgctcct	cagggaggcg	tgtccgggca	tcgctggaca	780
gtgctggggg	ttcagggagc	agtcccatct	tgtcccccac	cccagttggt	gggtaaggcc	840
ttgcacaccg	acaccaccct	cagctgcctg	tattctgccc	acaggtgacc	tttgaactgt	900
gttgagtgtg	cagaacccat	tttgcattgc	tgccaggatg	tgcagacaga	tatgaatgag	960
cagtggccac	gtagctggga	ggcattccag	cccacgcccc	agagctgggc	tgaagccagt	1020
ccagaagacc	agtgggaagg	cagggagact	taggccctgg	ggtcttacct	ttttagcagc	1080
agcaaataca	ttttattttt	agagacaggg	tctcactatg	ttgccagga	gttcgagacc	1140
tgectgggca	atatagcgag	acccggttct	ccagaaaaag	gaaaaaaaaa	a	1191

<210> 8939
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (86)...(762)
 <223> similar to gi4321407 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8939

tttcgtggcg	ggagccaaca	tagagccctc	agtgggatga	gggtgaaact	gctattgccg	60
gcggctcctg	ttttaccg	tcagcatgct	ggtgcattta	tttcgggtcg	ggattcgggg	120
tggccattc	ccaggcaggc	tgctaccgcc	cctccgcttc	cagacattct	cagctgtcag	180
gtaaaaacgg	aaaaacctac	tcagcgcg	ccattgaccg	cccggcagg	cagtgcgggc	240
ccgccgggag	atggagtcca	cgagcttg	cgaggcttgc	tgggagctgt	aggccaggcc	300
taccggggtg	gaatgtcact	ccgcgggtgt	tggcctcaat	tatttatagt	gacactccag	360
tcgccagcag	gaggctcctg	cgtctgcagc	cgctgtcag	ccagaaggag	gggacgctcg	420
gggtcagtga	ccacgccag	tccgcactcc	cgaccggggg	tcccctttcc	tggccctgga	480

```

ggtgattgcg cgatttggac gaaaattctt attagtatga agagacattt aatgtagtgg 540
tgcttccagg attcaaagtg agtcgaagaa gaactagaga tgttcagcag ggataaagag 600
ccaatctaata aggccgggag cggtggctcg ctctgtaat cccagcactt tggaaggcca 660
ggagttcgag accagcctgg ccaacatggc aaaacctcgt ctctactaaa aaatacaaaa 720
atttgccgtg attggtggca cgcgcctgta attacaacta ct 762

```

```

<210> 8940
<211> 704
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (95)...(659)
<223> similar to gi3600028 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8940
tcccgggtcg acgatttcgt cggtgcgacc cggagctcca gcgcccagagt ctccacttcg 60
tttgctgaaa cttgctttct accagctaag aaccatgctg cgagtgattg tggaatctgc 120
cagcaatata cctaaaacga aatttggcaa gccggatcct attgtttctg tcatttttaa 180
ggatgagaaa aagaaaacaa agaaagttag taatgaattg aacctgtct ggaatgagat 240
tttgaggttt gacttgaggg gtataccact ggacttttca tcttcccttg ggattattgt 300
gaaagatttt gagacaattg gacaaaataa attaattggc acggcgactg tagccctgaa 360
ggacctgact ggtgaccaga gcagatccct gccgtacaag ctgatctccc tgctaaatga 420
aaaagggcaa gatactgggg ccaccattga cttggtgatc ggctatgatc cgccttctgc 480
tccacatcca aatgacctga gcgggcccag cgtgccaggc atgggaggta agctgaccct 540
tctgaaggcc cagccacccc cagggggagg ctgctaaaga cacacaggag agtgtctgga 600
gaaacctgac cattgatcac aagcctgtag ctccctgcc acccagacag gggccccgcg 660
aggcaggtgg ggctgcctga attgagacat tgcaattgtt tatg 704

```

```

<210> 8941
<211> 759
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (493)...(759)
<223> similar to gil247388 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8941

```

tgaaattccg	ggtagacgat	cttcgattca	gcctctgctc	cactacttta	tttacatctc	60
cttttctttc	catttcatca	acggaagcag	ctaacagagc	agattagggt	atttctttgc	120
tggcggcaga	aagtaaaaca	tcacactgtc	ctttctcacg	agcctaaagc	tcacccccga	180
cgccctaata	attacccttt	ttaatggact	taaagcttgc	aaggctatct	acattttctg	240
agaattcatg	aactggcata	aaatggtttg	aaggtaaaaa	ctcttccttg	ggacgagtat	300
aatctggtgt	atcgaaatca	acaaacccta	caccagaagg	gctaacttct	gaaaaccac	360
caaattcccc	aaattcatca	tcacatcat	cctctgctcc	attgtctaata	ggtggtgggg	420
atgaagagta	cattcgaatg	atgtctggct	ccattgttca	gttgctttca	aataattaat	480
ttacacctgg	ctccttcggg	gcggctgcga	tgggcatggc	tcagggggcc	ggggaggaac	540
tgactccccg	gggaaggacc	gtctattccc	acgcggaact	ggtgagagcg	gaaggccggc	600
tgctcacagc	cctgtcagcg	cagcagcagc	atggacgccc	acccggagtt	tcaccgctgc	660
cgcgggagccc	ccatccact	accctccgcc	ctcttcggcc	gcgcgcgcgc	cctcctccac	720
ctcctccgcg	gagacccccca	cgaaatcgct	gacccggga			759

<210> 8942
 <211> 2602
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (921)...(43)
 <223> similar to gi3873550 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8942						
gcgtcgacga	tttctgtctg	aaagggcaga	gcaagtccac	tgtgggcact	gtgttttagtc	60
ttgagtcaga	ggaggaggaa	taccctggaa	tcactgcaga	agatagcaat	gacattttaca	120
tcctgccag	cgacaactct	ggacaagtca	gtccccaga	gtctccaact	gtgaccactt	180
cctggcagtc	tgagagctta	cctgtgtcac	tgctcagctag	ccagagttgg	cacacagaaa	240
gcctgccagt	gtcactaggc	cctgagtcct	ggcagcagat	tgcaatggat	cctgaagaag	300
tgaaaagctt	agacagcaac	ggagctggag	agaagagtga	gaacaactcc	tctaattctg	360
acattgtgca	cgtggagaaa	gaagaggtgc	ccgagggcat	ggaagaggct	gctgtggctt	420
ctgtggtctt	gccagcgcg	gagctgcaag	aggcacttcc	tgaagcccca	gctcccttgc	480
ttccacatat	cactgccacc	tccttgcctg	ggacaaggga	acctgacaca	gaagtgatca	540
cagttgagaa	atccagccct	gctacatctc	tgtttgtaga	acttgatgaa	gaagaggtga	600
aagcagcaac	aactgaacct	actgaagtgg	aggaggtggg	ccccgactg	gaaccacag	660
aaacgctgct	gagtgagaag	gagataaacg	caagggaaga	gagccttggt	gaagagctgt	720
cccctgccag	cgagaagaag	cccgtgccgc	cgtctgaggg	caagtctaga	ctgtcccccg	780
ccggtgagat	gaagcccatg	ccgctgtctg	agggcaagtc	tatactgctg	tttgaggggg	840
ctgctgctgt	tgccatcctg	gcagtggcca	tcggggtagc	cctggctctg	agaaagaaat	900
aggaggcttt	tcagaagaga	aagacagaag	gatgtaaggt	tggagttgta	ttggctggaa	960
tttgaacctc	cagcagctgt	ctggacattt	gtggaacact	ctgggataat	tggggacttc	1020
tgctcaacat	ggcagtggca	tgttaggcat	gtagggctt	gaggtggggc	attcacattc	1080
atctgactgt	aaatcccaag	ggcctccgct	catgctaaat	tgagaatctt	aggggtaaag	1140
cacccctcc	aggaccgggt	ttctcagcct	tggcactagt	gctgttctga	ccatttctctg	1200
tgttggggct	gtcctgtgtg	tgggtgggctc	caccactag	atgccagtgg	cacccctcc	1260
cagagatgac	aaacgaaaat	gtctctagac	attgccaaat	gtcccgtgtg	aacatccct	1320
attgagaccc	actgcttttag	cgagagaggg	tttacttagg	aagaattggg	atagaaattc	1380
ccagctgaga	gaacttagct	gtgggctcct	cagctactga	cttcttagct	cttaatcccc	1440

```

ttagaatttc atctttctcg atgagcaggc tctgcacca ctcttttttt gcccccgcc 1500
ctcatcctgg agtgtgaggg tgctcgcccc tactctcagc tgctctcag ggactgcact 1560
gttcctcttc acccccaggt tcttgctaag atcccacggg cgaggggcttg ctctggactc 1620
agtctgtcaa gtccccgaag ctctctgcag ctccaccttg taaaaatgct gcctttggga 1680
atcttcgaaa tatgtacaca gagaaaatca catgaaggag acctgggggtc cccacttggtg 1740
agtgcaactg caagtaactc tggctagaga gacacatgtg tcttggtgtca aggcaggagg 1800
ataacccgga tgaccttctg aggtctcttc agcccttttc gctagtgggtc acccaccacc 1860
atggttactt gccagcaaca tctctattgc tggatgggtc ctgtctataa ccttgggcta 1920
gtatattttt tccaatatgg gaccttagtc ttactactga tgagttctat gggctctcttg 1980
ctagggggta aggattttta ttcttgggct tatagagcca gttagatcat aattcttatg 2040
aaatagagag tgtcctaaat atcactgaaa taaaagtag gaaaaagaag cttgaatttt 2100
aagactgagg ctgctctgca gattctagtt tggctttcag agttcaagag tggtggtcgc 2160
ttcacctgaa ttcttcaatg ccagggtaat aaaccaaagt agtcctaata agtatatgct 2220
agttgagcat cggcataatt ttctttcctc tggctgatcc cagccctaaa ggaagggtag 2280
accctgtctt ttccagccct aaagggaagg tagaccctgt tctttccagc cctaaaggaa 2340
gggcagaccc gtgtctttcc atgcccaggg gccacgacgt cactatgcag ggcacacgtg 2400
gcttggttta aaaaggtcat cttagattta tcttagtaaa tgtaataaat tatttttttag 2460
atcttgaaat ttataataaa aatactttac ctaccctgat caccaaaacc tgatgtttta 2520
aatgtgcttt ctttttgaaa tttatgtttt ccaaataaaa tctccctaaa gcaatatattt 2580
aaaaattggg tccaaaaaaa aa 2602

```

```

<210> 8943
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (141)...(740)
<223> similar to gi537433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8943
ctgccgtctt ctctctcag agatggatgc cacaggttcc gggcttcttg ggctctggga 60
ggacgcgcag cggaaggcga ggtcgctata tgaggccgct ccaaagtcgc ctgcgcgtgt 120
tgttgctca ctgcctccag cctccagcat ccagggagag tgcaggcaaa aaggcagccc 180
ggagggtggg accccagggg acaggacccc cagaagggtga cagagatcct ggcagtgggg 240
gacctggggc agaaggtgac cccatcctct tcccgggctg ccgctcaagg ctctgcgcgc 300
tcccgggctc cagcgccctc tcaccgggtc ctgatcaggg ctccctttct caccocgggt 360
caggcagaag gccccggacc ccagtcccaa aagaaacgga ggctgcaggg cttccacgca 420
ggagagaagg ggagggtctc tctccgaccc gggctccttc agcgcccacc ccagcggact 480
ctgagagggc gaggaggagg tcgggggcta ggttcaagcc gcaactgggc ccggattcaa 540
gaaagaaacg ggctcctgag acgcctgtgc atcagagggg tcttggtctg gcctgggatg 600
gggctcgggg agagtccagc gatctgccag gctcccagcc tgaggccgcc ctccccggcg 660
cgcaaccccc gccccaccg ctggggccct catgcctttc ccggcacgtc gctccccggg 720
aggccgagac tctgcccacg aaa 743

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<210> 8944
 <211> 700
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (212)...(657)
 <223> similar to gi347455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8944
 ggggtaccca cttcgcagga ggacccacat tcctagccaa atgtggaag tcactacttg 60
 aaatgcctta ggtgcctggt tagcgtgcct tcactagacc aaactctagg gatatccac 120
 gcagcactct gcagagctca ctatagggtgc attctttcta tccatgaatt tctcctcttc 180
 agccccctcta cgttggttgct tcacgcatat gcccatctac gcgacccttt cgcgtccacg 240
 tcctttctaca atggtctccc cacctctatg gtccggttagt tagtttctct cgcgccacctc 300
 acctctatga cctctataac agttcctcac tgacacagtt tctttgcata atcttctcac 360
 ctctactgct cctccacagc atctcctcgt cgctcctcatt tctatagtca tctgcatacct 420
 tttttagtgc cctttgccct agggcccgac tagagaccct ctcccgcttc tccttcccct 480
 cactgggacc tcaacacggc gagagcacc agcacgactc ccgccaatcc cccggcccaa 540
 aggaatgcca gtctctatcc tcccccggtgt cttcactcgc ctctactact ccgagctccg 600
 ccgcgcgggc cccagcccc aggttaccac ttttctctct cccacttcgc cggcaacgtg 660
 agtcacgaaa tcgtcgaccc gggaattcgg gggcggtaca 700

<210> 8945
 <211> 901
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (66)...(694)
 <223> similar to gi3212996 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8945
 ttctcgtcga ggcgcgggct cgtccccccag cggatgagct gccgcgggac gggcgcgggc 60
 ggacgatgga actccacatc ctggagcacc ggctgcaagt tgccagcgtc gccaaggaga 120
 gtatcccgtc gttcacctac gggcctgatc aaacttgccct tcctgttctc caagaccagg 180
 tgcaagtctt tcagtctgac tgagacacca gaggattaca ctatcattgt cgatgaggaa 240
 ggattcctag agctgccctc ctacagagcac ctgagtgtgg cggatgccac ctggctggcc 300
 ctgaacgtgg tgtccggcgg tggcagcttc tccagctccc agcctatttg catgaccaag 360
 atcgccaagt cagtcctcgc cccactgggt gaccagaaca tatccgtgtt catgctgtcc 420
 acgtatcaga cagacttcat cctggtgctc aagcgggacc tgccctttgt caccacacg 480
 ttgtcatcag agttcaccat cctgtggtca gtggctagac tgtagcagcc gagaacctcg 540

<400> 8947

ctgtgcagtg	tgctggaatt	ccccggctcg	agcgatcacc	acctgcacag	taattcagtg	60
cagcccatgc	agctttccag	cgttatccat	caccacctgc	gcagtaattc	agtgcaggcc	120
tgcgcagctt	cccagcgggg	tccatcacca	cctgcacagt	aattcagtg	agcccgcgca	180
gcttcccagt	ggggaccatc	accacgtgcg	caataattca	gcgtagcacg	tgcagcttcc	240
cagcgggatc	catcaccaca	tgggcagtaa	ttcagtgcg	cccatgcagc	ttctcagcgg	300
ggtccatcac	cacctgggca	gtaattcagt	gcggcccatg	cagcttctca	gcgggggtcca	360
tcaccacctg	cacagtaatt	cagtgagcc	catgcagctt	cccagcggga	tccatcacca	420
cctgcgcagt	aattcagtg	aggcccgcgc	agcttcccag	cgggggtccat	caccacatgg	480
gcagtaattc	agtgcggccc	atgcagcttc	ccagcggggt	ccatcaccac	ctgcgcagta	540
attcagtgca	gcccgtgcag	cttcccagcg	gggtccatca	ccacatgggc	agtaattcag	600
tgcggcccat	gcagcttctc	agcgggggtcc	atcaccacct	gcacagtaat	tcagtgagc	660
ccatgcagct	tcccagcggg	gtccatcacc	acatgtgcag	taattcagtg	caggccatgc	720
agcttctcag	cgggggtccat	caccacatgt	gcagtaattc	agtgcaggcc	atgcagcttc	780
tcagcggggt	ccatcaccac	atgtgcatag	ctctgggtca	ctttaagat	cgcattacct	840
gagtgtctcag	tggtgtgtga	aggaaatgtc	ctgctgaa			878

<210> 8948

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (919)...(667)

<223> similar to gil651678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8948

ggtacgtatg	ttaggatgct	ctagaccggg	cgccccggaa	cggttatggt	gtctcgatac	60
ccatttcctt	ctttcagtat	gaagagaggg	agaatggaaa	gcggggagga	agcacggtca	120
cgggaagttg	ttattttaaag	atggcagata	ttaccaatgg	gcgtttgtgg	acggagagat	180
cacgggagaa	ggccgcgggc	actgggcctg	gtcaggagac	accttctctg	gacagtttgt	240
tctgggagag	cctcaaggct	acggcgctcat	ggagtacaaa	gcgggcggat	gttatgaagg	300
ggaggtctcc	cacggcatgc	gggaaggaca	cgggtttctg	gtggaccggg	atggacaagt	360
gtaccagggc	tccttccatg	acaacaagag	gcacggccct	gggcagatgc	tctttcagaa	420
cggtgacaag	tacgacggcg	actgggtccg	ggaccggcgt	cagggacacg	gggtgctgcg	480
ctgcgccgac	ggctccacct	acaagggaca	gtggcacagc	gacgtcttca	gtggactggg	540
cagcatggcc	cactgctcag	gggtcaccta	ttatgggttg	tggatcaatg	gccaccacgc	600
agaacaagct	acgaggatcg	tgatcttggg	tccggagggtg	atggaagtgg	cccaagggtc	660
tcccttctcg	gtgaacgttc	agctgctgca	ggaccacggg	gaaattgcc	agagtaagca	720
tctccagggg	gagatgacct	aacgtttcca	aaagagaaac	aggcagcagg	ttcttaagca	780
gtgaagatgc	ggacgagatg	ttgcatgtgg	ctcctgaggc	acagcagtg	cttcgtgcc	840
agagcctggc	agagaggtcg	caggtgtgcc	agcttccctg	ccagtcaggg	cagccttggg	900
tgtgtgtgca	agcatgtgtg	cacatc				926

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<210> 8949
<211> 2454
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (416)...(2197)
<223> similar to gi5305335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8949

```

ggcacgaggg cactctcagc agtaggcgca accgtgctca ccccgtcct aacagccttg      60
cttagtccgg gctccgaggc agcagcagcc ataagaaaaa acaggagagg aaggcgatgt     120
ggcgcttctg ccggggccctc agactgggga gtgtgaggaa acctgtagga agtgtcaggg     180
actctggaaa gaacataatg gcctcacctg tgaagagctg gctgaaaaag acgacatcaa     240
gtaccgtacc tctattgaag aaaaaatgac tgctgcccgc attagaaaat gccacaagtg     300
tgggactggc ctcatcaaat ctgaaggctg caaccgcatg tcttgccgct gtggtgcca      360
gatgtgctac ctctgtcgag tttctattaa tggatatgac catttctgcc aacatccccg     420
ctcaccagga gccccttgcc aggagtgttc aagatgctct ctctggaccg atccactga     480
agatgatgag aagcttattg aggaaatcca gaaggaggct gaagaggaac agaaaagaaa     540
gaatggagag aacaccttca aacgcattgg acccccgtg gagaaacctg tggagaaggt     600
gcagaggggt gagggccctc cgaggcccg tccgcagaac ctgccacagc cacagatgcc     660
accctatgcc ttccgcgacc cacccttccc cctgcctccc gtgcggcctg tgttcaacaa     720
cttcccactc aacatggggc ctatcccagc cccgtacgtg cccctctgc ccaacgtgcg     780
ggtcaactat gacttcggtc ccatccacat gcccctggag cacaacctgc ccatgcactt     840
tggtcccccag ccgcggcatc gcttctgatg gcccogaatc cccattgagc agcaciaaagc     900
ccgtttgggg taggagtgtg gatggagaa cctcccccaa ggctggtgtc tgtaccattg     960
catcctaagt cagcttgaag ggtaggctgg ttttcttccc acccctttcc tagaagggtc    1020
actgctcctg gaagagtgga cggatccata ataaagacgt cccaaatggt ggagttcgga    1080
gagagctgcg atgtgaactg gccctccctc cgcatccccc aggccaccaa cggcagtcct    1140
tctgccttgt ccatggcata ggccatagac cagggtccctg ctgctcacac ctgggcctct    1200
cctcgagacc gaccctggg tagcaaggca gccgagagca tctccctgga gggggccacg    1260
gttgggcca gggcagaggg ggctgcacct gcgggcctgg gaagcattgc tcagggtggg    1320
gggctgggac catggcccgc agaggcactg ccacagctgt gagggccaa agtctgtccc    1380
cccatccaaa acccgtgcgc cactgcagtg agtgttgagg gcacctctcc tcccctctta    1440
cacctactca gatgaggcag cagcagaccc atctcgcggc ggggggtttt tctgttgcc    1500
gcctaacttt ctcatcctcg gtctctggaa agtcaggctg agaaatcctt tcccaggcca    1560
ggccgctgcg gtacactgga tgggtctgaa gctggcccat tgaaagagcc tcttaaggca    1620
gctgggacag aggcctggtg gccctgctgg gcagcccaac tgctggggga gacgtttctg    1680
ccaccctggg tgatgagcag cttttccccc ctggttttct gggggaggag tgggcctcct    1740
tagggagaca ggtgaccctg ggtgccaccc ctgcccctg tgtgccccgg gtgttctcag    1800
tggttgctga aggcaggtag aggggtgctg ccagtatccc ccatgtgaag gtcacttccc    1860
ttctcatgga gtcagctgag catcagctca gccctgccat gtcccactc accctcctcg    1920
cctcctgtcc ggccctgggt ttctagccgt gcctgaggca tcaactctgg ccattgacag    1980
atgagagggt tgaagccttc ctggccacag gcatcacttt ctccctcctc tcatgcctg    2040
ccttgtcctt gtcgtgttgc catgggggtt tgagaggctg ggagttcaca gacctcagac    2100
acagctgagt ccgacaacca ttgggggttg ggctgcatca gtctccggag tggcccgcga    2160
cctcctgaag cagggcctgg cccacccaag gtgcctgggg gcaggcgggg caccgtcatt    2220
cggttgccat tggtttctca gatgtatttc aaggactaaa gtgggctcta agatctaaga    2280
tggcccggcg cgggtggtcc cgccttgtaa tcccaagcac tttgggaggc cgaaggcggg    2340
cggaatgagt ttgaggtcgg gaattttgag tccccgtct ctaactaaaa aatacaaaat    2400

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ttagccggac aaaggtgggc gcatgcctaa taaatcccag gtacttcaag gagg

2454

<210> 8950

<211> 1182

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(1005)

<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8950

ggaggggaaca	tctttgaggg	taattgttat	ggaaaagaca	tcctcagtgt	gcacaaggaa	60
gcctctattg	gacaggaact	ttccaaat	aatccatgtg	gaaaagtctt	caccttaact	120
ccagatcttg	ctgcacatct	tgggaattctc	aatgcaagac	aaccatacaa	atgtaaggaa	180
tgtagaaaag	gctttaagta	ttttgcaagc	cttgataatc	acatgggaat	ccacattgga	240
gagaaattct	gtgaatttca	ggaatgtagg	agagccatca	ctcattcctc	acacctaaag	300
cagtgtgtaa	cagttcatac	tggaaagaaa	tctaaaaaga	ctaagaaaca	tgggaaatcc	360
ttactaatt	tttctcaact	ttctgcacat	gtgaaaattc	ataaaggaga	gaagtccttt	420
gaatgtaaag	aatgtggaag	atcctttaga	aattcctcat	cctttaatgt	tcacattcaa	480
attcacactg	gaataaaacc	acacaaatat	acggaatgtg	ggaaagcctt	cactaggtca	540
actcacctta	ctcaacatgt	aagaactcac	actggaataa	aaccctatga	atgtaaggaa	600
tgtggccaag	ccttcactca	gtacacgggc	cttgctatac	acatacgaaa	tcacactgag	660
agagaaaccc	tatcagtgtg	aggaatgtgg	gaaagccttc	aatagatctt	caacgcttac	720
tcaacataga	agaattcaca	caggagagaa	gccttatgaa	tgtgttgaat	gtgggaagac	780
cttcattact	tcttcccatc	gtagtaaaca	tttgaaaact	cacagtggag	aaaggtaa	840
gcaagatatg	tgggaaagaa	tttctgtatt	cctcacccca	cctgtgaact	cctaccagag	900
agaaaccttt	tgtatgtaaa	gaatttggga	aagcatttgc	tctttcctca	tgcctaagta	960
tgcataaag	aattcacact	ggggagaaat	actatgaatg	taaggatatg	agtgttggtta	1020
ccatttagcc	cattgggttg	catctttaat	tattggcagt	gcaaagatca	tcagattagt	1080
cctaaatgcc	ttttggaggt	tgtaatggct	cacagattgg	ccttagatgc	atcccaggag	1140
tctgaaatta	aacctacagg	ttctgaatac	aaaaaaaaaa	aa		1182

<210> 8951

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (212)...(877)

<223> similar to gi2407788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8951
cgaactcccg ggtcgacgat ttcgtgtccc ggatggcctc ggggactgcc agtgtgtgga      60
ggtgagctcc gggattgccg gcattcccgc ttctgctggt tgcttcatgc tgcaggctgc      120
ggccgtcagc cctcgctcgc attggtggcg ctgagggtgcc ggggcagcaa gtgacatgtc      180
gtcgggcctc cgcgccgctg acttcccccg ctggaagcgc cacatctcgg agcaactgag      240
gcgccgggac cggctgcaga gacaggcgtt cgaggagatc atcctgcagt ataacaaatt      300
gctggaaaag tcagatcttc attcagtgtt ggcccagaaa ctacaggctg aaaagcatga      360
cgtacccaaac aggcacgaga taagtcccgg acatgatggc acatggaatg acaatcagct      420
acaagaaatg gcccactga ggattaagca ccaagaggaa ctgactgaat tacacaagaa      480
acgtggggag ttagctcaac tgggtgattg acctgaataa ccaaatgcag cgggaaggaca      540
gggagatgca gatgaatgaa gcaaaaattg cagaatgttt gcagactatc tctgacctgg      600
agacggagtg cctagacctg cgcactaagc tttgtgacct tgaaagagcc aaccagaccc      660
tgaaggatga atatgatgcc ctgcagatca cttttactgc cttggaggga aaactgagga      720
aaactacgga agagaaccag gagctggtca ccagatggat ggctgagaaa gcccggaag      780
ccaatcggtc taatgccaga gaatgaaaaa gactccagga ggcggcaagc ccggtgcag      840
aaagagcttg cagaagcagc aaaggaaacct ctaccagtcg aacaggatga tgacattgag      900
gtcattgtgg atg                                           913

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<210> 8952
<211> 1314
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (676)...(79)
<223> similar to gi5732634 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8952
tttttttttt ttctctctct ctttctctct ttaatttttg tttctctcaa gcttccaaat      60
ggtgctcagt gctccaagga aaggaaggaa ggaaggaaaa ggaggggaga ggaggggaag      120
gggaggcaga ggaggaacat ctggaaaaaa agcagcctga cagtccagct gtttgcaaac      180
tcatagcaca tcctccagtt acatggcaga agagggaggg agggagggcc aaaaagaaaa      240
gggagaggag gaagaaaaat aacttaaata aacacacaca caaagaaaag agaaggcaac      300
atgacgtgag ctggtgatcc atgaaggcag ggagggaggg gaaccgtttt acctgtgctg      360
aaccaaggga agaatgcgga gagggaggga gggaaagggg aaaaaaaaat cagaagaaac      420
actgggggca gagggaggag gggacacgga gacaacttta tacaacttga gacgaggcgg      480
cccgcccgcc gtgtcctcag tgcggtgtgg cggcggagga tctggtgctg gtggtgctgg      540
cacttcaggg tggggggccg aggacgggca cagtctctaa gcagctcccc cccccaaac      600
acggaggccc caaggggctg ggaacaagag tctgtggcga agcagggtgag gcagcgggcg      660
gtgggcgggc ttgctgggtg cccccgccgc aggcgggcac gggctggacg gcctgtcttc      720
tttccactgg cccccggca tgggatgggc cagggcgccg ggtcgggtac cggagtgcaa      780
gctcgaaaga gagagagaga aaacactgag acagcattag tggagtgaaa ggcggacaca      840
tatgagcctg cagaccatgc cccaaccct ccgctgccca tccccctc ccaatccca      900
tccctctgag gcaaaaaata aaaacgtaga aaaatctctg tacagactcc ccggtgggaa      960
aacgggggca gggatggtgg ctcttctctg agcgactcc ccacaaataa atttacaacc     1020

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<210> 8954
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (231)...(714)
 <223> similar to gil695235 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8954
 ttggagctgc tgggaaagtt acatgagtag aagggttggg ttaaagcatg gaaacacctc 60
 tgtctacacc agctcacgat aagcctgaag aggagtgttg agtccctcag acgctttcgg 120
 caccacttag tcagcggggg gaataatagc tttccgggaa ataggcccga gacgcgggaa 180
 gggaagggaa gggaaccccg tgggaaagac cttactcatt ctgccccttg cagtcagcac 240
 ctgaggagaa gcagcgggga aaagaagtgc caagctcgcc gcgttgacca gtgtcagggc 300
 cgagtagcca caggacagaa ctgagaagcg agtaccaaca tcaagcctgc cgcgccattt 360
 atatccacgc atgcgtttcc ccttacctgc accgagcctc ccgccccgtt tacatccacg 420
 caggcgtttc cccttacctg caccgagcct ccattcccgt ttatatccac gcaggcgttt 480
 ccccttacct gcaccgagcc tcccgcgccg ttacatcca cgcaggcggt tccccttacc 540
 tgcaccgagc tcccgcgccg gtttacatcc acgcaggcgt ttccccttac ctgcaccgag 600
 cctcccgccc cgtttacatc caccgaggcg tttcccctta cctgcaccga gcctcccgcc 660
 ccgtttacat ccacgcaggc gtttcccctt accgaattcc accacgctgg ac 712

<210> 8955
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(748)
 <223> similar to gil546900 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8955
 actgttcagt tgctctcctg gatggcttta tgtctccgcg gtgtttccta gagtctcggc 60
 gtttctacct cttcgacccc tttcctgcca ccctttgtcc cctggaagcc cggagacatc 120
 agcggctgca attttgctac tcgctgctcg gcgtggaact gtcaggacaa aaaataatat 180
 ccaagatat tttggcacta acggcgctat ctgtagcaag aaagttgagc agtgtgaact 240
 gttgagactt ccaaggagac ttcagacaac caagacagtg taaaggaaaa cagagaaaaa 300
 gacttgtagt acattattaa gggcacgaaa gttgaattga gcacagtaaa tgtacaaaca 360
 acaaagccac ccaacagaag tccacttaaa agctacaact ggcccgcctc aaagagctac 420

agagcatgct	ccaaagaaga	gaaatgagcc	cgtgagtcct	gagttggtgg	cagctgcatc	480
tgctgctctg	ttttgacaag	caaacaagcc	agaactgctc	aggcagctcc	gtagcatgag	540
gaagagtcag	gggcacagag	agatggagag	agacctagtt	agagagcgaa	ccatgtgctg	600
gatttagcca	gtcctgcatt	tttctatact	tcaaatcaaa	acgggccatg	cttcacatct	660
acccatgatg	aataggggta	ctttgattaa	gaataaatag	agctgactga	attctgaaca	720
agataaacat	attcaagggg	aagag				745

<210> 8956

<211> 625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (478)...(625)

<223> similar to gi2854198 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8956

tttttttttt	ttatctttta	aaacagattt	taatgtgtta	aaaaaaaaat	agaatcaagt	60
ggtgtgcttc	gccactgaga	tgattgtgct	gtggctccgg	ggccacatag	caccagggct	120
cgatagcaga	caggagtttc	ggccctcgtc	cagtgcattg	gactggtgca	ggggcggagg	180
cccagcccca	cgggggccag	agcaggaaca	cagccacctg	ttccaacagg	cgctgtgcct	240
tgtatgcccc	gtacatgtgc	ctgccctgag	aggagcatgg	gccaggcctc	tcttccagct	300
gtgccccccag	ggtgccagtg	aggcagggcg	acctctcacc	aacagagctc	ctccaagcca	360
tgctggattt	ggattcctgg	aacccctgt	acccatgcgg	tgggccaccc	cagggggagg	420
ggaggagaga	tgggagactg	tgtgtatgtc	ccctccctcc	aagtgcagca	ggagaaaggt	480
cactgggctg	gcctggtcac	acaccgtcat	aggggcctgc	tggggatgca	ccgatgcccc	540
ccagcctccg	ggccatgctg	atgagtgagc	gcaactgcac	cagcctcagt	ggccccacct	600
ctctgggggtc	ctggttctcc	agcca				625

<210> 8957

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (65)...(440)

<223> similar to gi2443581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8957

tgcactacta	aaatggacac	ttaaaaattg	ttgctctctc	ctctgctcgc	attttcactc	60
tgccatgccc	tgctctgaag	agacacccac	cgttacccac	agcaaacagg	ctggtttgca	120
gaggaaggca	gcatgcagct	ccgttttgcc	ccattctctg	agcaggccac	aaccctgact	180
cagggatcca	cacaggccac	aggctatgac	ctcaacggtg	cctatgatga	tacaatacca	240
cctatggaga	aagctctagg	gaaaatggac	attcagatag	ctcttccttc	tggatgttac	300
agaagagtag	ctccatgggt	tggattagct	gcaaaaccct	ttattgatag	atgaagatta	360
ctgagaaaat	gatggtgctg	tactgtttta	ttttggcaaa	aaaaagcggc	cgctcgagcc	420
ggggaattcc	accgcactgt	gctagta				447

<210> 8958
 <211> 1743
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (257)...(1568)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8958						
gagcgccgcc	ctggaggcgg	tggctgggat	aaacgtgcac	ccagcaggac	tgccttggc	60
tccgggtttt	gcttgtgctc	acatgtggca	ccatccttgg	ttgccctcct	ggagaaggca	120
ttcacggcct	ggggtgggat	ggctgggctg	tagtttagcc	tgggccttgg	gccccagtgg	180
gggacagggc	ctgtctgcat	gaagtggaa	cggagacctg	cagacccag	gaaagtgtca	240
ctaattggag	ggaggggcag	gcagtcaagt	ggctgggtgc	catgggggtga	agccaccatg	300
ggctgggggt	gaagagccgg	caggaagggg	accagtcaca	gggagtgtgg	acagtcaggg	360
gtttgctttc	tgctcctgag	ttgggggtgtg	cagcgtggag	cccacagcct	ggttctgggc	420
cagggcacag	tgccaggggc	tccgctctga	cctccaggag	ggagactggg	cccgggaccc	480
ctgtttttctg	ctccctggac	tgccatagccc	tgagtgccac	ggatgaccag	cgttctgttt	540
tctctttctca	ataaccctat	ctcttcacac	atccccaggc	ccagtgtctt	ccggctgttg	600
tgaccctgcc	tgggtgctgga	gggcagtatg	ggaggcacca	gtgtgccctg	ctcaccccat	660
tagtgtcatc	ctgccatctt	ctgtgtcccc	ttggccctgg	cacacacca	tgtggcaaac	720
acgggcccgtg	aggctccctg	aacagcttcc	aggcgggtgg	gcttctggag	ccctcttggc	780
tctgaggaca	gccacagtgg	ggtcagacgt	cagggattgg	tgacgcccc	cgtcaggggt	840
gattgtcttg	actttctctc	catttgagtt	ctgggggtgg	tggctccctt	cccccttgct	900
tacaggtgct	gtcctgggca	caggaggtac	gcgcctgggc	tctgccactg	ttctcttccc	960
tctgctgcaa	agcccagtta	aggaaatgtc	ttcaggttca	aagagatagg	atggtctggg	1020
ccccacctgt	tggaaaggga	cagccaggga	agaaccacct	gcctgggcag	ggcctgcct	1080
gagggagggc	ctggggcagg	gcacaagggg	ttgatctcag	cccacaagcc	ccaggggcag	1140
cccaggaaag	caggcgacgg	atgtggatcc	tgacctcctg	agaggtgtga	ggtgcaggga	1200
taccacctc	tgccctgacg	gccgcgcacc	ccttaggaag	tggctgtcca	gcgcctgcct	1260
gtgctgggcc	tgggagagga	gctgtcttgc	cagggctccc	aggcagggag	aggcagggtga	1320
ggttctcagc	cgatgtgtta	gaggttgagc	atgcctgtg	cccagcttgc	tggctgtcag	1380
tgcttgatgt	gcccacctc	agctaaaacc	cagagctggc	atgttggtca	tccccacctc	1440
agacgggacg	cccagtcacg	agctgggtgag	ccctgggcca	gcctttgggc	ctggcctgcc	1500
ccattcacccg	gccagcgccc	cacctccctg	gctggagggt	cggggagggg	ctggcagaga	1560
tggttgggtcc	acagggctag	ccctgggtgg	tgggagaggg	gcccagggtc	aggggtgagag	1620
agagctgggc	cagggagctg	ctgcaggatg	attttgaggt	gtgggggaag	caactcttag	1680
gttgggtttt	gtttgctttt	taaaaattgt	ggtaaaatac	ataacaaaag	taacaaaaaa	1740

<210> 8959
 <211> 717
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (223)...(717)
 <223> similar to gi439877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8959
 ttagtccagt gcggtggaat tcctgagctt gaaaaaaaaac tgaaagagaa taaaatatct 60
 ttagagtcgg aatatgaggt acggtatgtt aatatagtct ctgtcttata acaatcagtt 120
 actggtttta tctgccttaa aagtattagt agtacagaaa aaaattacgt tgaatatata 180
 tggatattga taaactgtat attcatttga aaagaaaata aaaagatgga tccatactta 240
 atatactaca aataaataaa ttccagatgg atcaagaatt tgaaagtaaa aaacaaaatg 300
 ctaaaagtac taggagaata taaatggaga attttgtttg ttgtcttgag tcaaaaaagc 360
 ctattttaat gtgatataaa acccagaagc tctaaaagta aagatcaatg ggttcataca 420
 tacaaattca aaagttaaga atgaaaaaag tatataaagt cacagattac atgagaaatc 480
 ctacagatat agtttaatct tatcatggca cattaattta cttaaatatg aagaccatct 540
 tcaaataaat gtgaaaaagt tcaacaattc atttgttcag taagaacatg ggaaagcata 600
 gcatgtaaaa cttttggaca aaaggaaata agtatcattc ttaaacatat gaagagatgc 660
 tcaatttatc ataataggaa tgtcaaagtc taacgaggta tcacttttca cccatct 717

<210> 8960
 <211> 1844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1845)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1319)...(1844)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8960
cagaactntg ggagtccgag gcagacagat cacctgaggt caggagctca agaccagcct 60
gaccaacatg gcgaaaccct gtcgccacta aaaacacaaa attaggcctg gtggcgcatg 120
cctgtaatcc cagccactcg gtaggccgag gcaggagaat cgcttgaacc caggaggagg 180
gaggttgcgg taaactgaga tcgcgccatt gcattccagc ccggggacca agagcaaac 240
tcggtctcaa ataaataagg ctctaacaat tgttctcata ttttaacatc cacaatgtga 300
ttcaagatgt aatcaacata aagcttgatt gcattatatt gcattgctaag ttttccaaat 360
ccagcttcgt gtcacaccta cagcacatct cactcaagct ggccacatcc ctgccatcca 420
gacgtaaaac agtcacaaga cagggctggc agggccgcgg aggaggccgg caggggccat 480
cacggagtgc ccactcctgca ctgtgggtccc agcaagtttc ttctccttg caagaagcct 540
gtcccaggct ggcaggggac agcgtgaggt gcagcctatg gactgggaaa ggggtgtgga 600
agggccacac ctaagtccta aaatccaggc ccaaaagtgg ccaactcac ttctctgact 660
ttaatcacac aggcataccc ggtgggcaaag gagtatggga aatggagtca ggctgggtag 720
ccacgagccc aggaagaagg gagaacagac ttggagaggg caggagtctc tggccaccag 780
gggctaaaga gccttcgatg aggcagtgat gtgggggtcct gggctcagac ccagggtggg 840
tggctaagggt gcccttgcca ggacttagcc accccaacag agatgggttt cgtgcccacg 900
agagtgcctg tgccttgtga cgagaattca ccatgttttt gtctctgcag gcagagaaca 960
gcattgactt catcagcagg gagctgtgtg cgcattccat caggaagctg caggcccatg 1020
tcctgttgat caagtgagtc tggacccatc cccttcagtc accccccaag gagacatggg 1080
cgccaggaat ctccgggagg gggccctggc atgaggctcc aagttctctg cgtgtcgacc 1140
acatcgctaa gactcaagat cttttttggg aagccccctt ggcagcaggg tcatggaagg 1200
aggaagggtca gaggagggga gggctcaggc agcaggggat gggccggggc tgtcccatgc 1260
ctttccacag gtgtcagcgg ggggcatgcc caggtaaggc tcataacca gtgagcccag 1320
tctcgactca ctgcaacctc tgccctcctg attcaaacga ttctcctgcc tcagcctccc 1380
gagtagctgg gactacaggc gcccgccacc aggcctggct tatttttgta ttttttagtag 1440
agacgagggt tcgccatggt ggccaggctg ctctccatct cctgacctca tgatccgcct 1500
gcctcggcct ccagtggtg ggattacagg cgtgagccac cgtgcgtggc ccaccataga 1560
caatttttta gccataaaaa gaaacgaagc actgacacgg gctccagcat ggatgagcct 1620
ttaaaccatc gcgctaagtg gacgaattca gacacaaccg tctacgtgtt gtatggctgc 1680
attcacgttc aagtcaagtc caaatagggc aactgcaga gacaaagcca ggtcatgggt 1740
gctcaggacc ggaagcctgt tgggggtggg ggggtggggg gtgtgtgtgt gtgtgtaagc 1800
tcagagggtt gcgatttctt tgggggtgat gaaaatgtaa ttgt 1844

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```

<210> 8961
<211> 1952
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1953)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1481)...(1935)
<223> similar to gi200547 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8961

tcttcaccca	tggtcaggga	ggcgccatcg	ccctggcttt	ggggctgggg	cctccgggga	60
ggttcggtg	ggggcgttg	agagggcgt	ctttttgcaa	ggcccgagat	ggcgggccct	120
gcgcaggccg	ccctattccg	cgccctcagg	gcgtcagtat	ccgcctgagg	ccgataccc	180
actctgggct	cggatacccg	cgctgggccc	ggagcatcct	cggcgctgcc	ctcccagagc	240
cccgcagagg	ctgaggtggc	gcgggggchg	ccccggctcc	gcgagaagag	gcggcagcga	300
gggctggagg	acccgggcta	cggggctccg	gggcgtctgg	cctgggtggg	actgagccca	360
tccagggact	gggactccgg	ggttctggtg	taggtggatc	cggggcaggc	tcaggaccaa	420
gtccctctcc	ttccaccaag	gagcgcccag	aggccggchg	gagctccagg	ttcacctcct	480
cctcctccag	gaaatcccac	ttccaactgg	atgtctggat	gaactactga	aagctgctga	540
gtgtcctgca	gcagggtcgg	tggacctggg	tgtctgtctg	gacacatcct	ccagtggcct	600
ggacctgccc	atgaaggtgg	tggacatgtt	caggagctgt	ttgcctgcgt	gtgctgtgaa	660
cttcaagtga	cggtaaaggg	catgtagaat	tgaggagccc	gctggtgctc	ccggcaggga	720
gccagcctcc	gcaggacccc	gaccagcgac	acgatggctt	ctgggcaata	cagcacgtct	780
acggtgaaag	cttcaggtta	ctgaaaggga	caagtggaaa	gttccagttc	atgctgacct	840
cagcagcagg	gcgagggccg	agagggcagc	ttcatatgag	actattagat	gccatttgac	900
catttgggcc	attagatgga	aaggcaatta	cttgggtgaa	aaaggagaac	ctttagtaga	960
gaaagctgca	aaagaccgaa	gcaaaagaaa	aaaatctcca	gactcactgg	tgttccttaa	1020
aaaaccagct	ctggttcttg	gcctatctag	agggctttga	atgacagaaa	gcctgacctt	1080
gccatgaaat	tcgtgtttca	ggtgtctgcc	gatttgtctg	ctggcttgca	ggggtgggcc	1140
tgtgtccctg	gccaccgctg	gacctgtggg	tttcagggct	ggaaccagg	accacaggca	1200
gagctctggt	ccaccagaga	ggggactgag	tgtgctggca	ggggtgagg	gttttcgggtg	1260
gccagccaa	acacccctt	ctctcaagg	ccctgtcctc	atctcagaag	tggttgtttt	1320
cctcctgtgg	tctctgaagg	acacagggca	tggctctggg	acagagccat	gtggtgatga	1380
ctgaaacggg	agtatgcctg	tctccaacaa	gaggtctgtg	gcttgaaggt	caccttaaga	1440
ggcaccctg	tcctttgatg	tcaccctgga	ggcccagagt	aactcttctg	gaagcccat	1500
catgtccatg	cctgacagca	tccattgttc	ccttttccca	gagccaagag	ctgggtagag	1560
ctgcaaggac	accgcctgca	caggatgccc	ggggtgggg	attacctgct	gcaatgacaa	1620
catctggctg	gacggcagag	agctgacaga	ccgtcgcgac	gtcccagtc	agctgggcca	1680
ctgtcaccct	ggggccgtct	aagttggcag	tgatgtctgc	ctctaattgag	aggccattga	1740
gaaggacatt	ccctcagagc	tgtctgagga	cccggctgtg	acagtcgctg	aagatgtacg	1800
cccggggchg	gcacatcctg	cagatgcca	ggcctgtgag	gcccggccca	ctgccaagct	1860
ttaggacagt	cctgtgaaa	aaggctaaag	ggttctcggc	ccattctgcc	ggacgcgtgg	1920
gtgaacccgt	aacggcaagn	ctggccgcac	at			1952

<210> 8962

<211> 920

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (27) \dots (920)$

<223> similar to gi403460 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

<400> 8962

tttttttttt	ttgagacagt	ctcgctctgt	cgcccaggct	cgagtgcagc	ggcgtgatct	60
tgcttcactg	caagctgtct	cccaggttca	cgccattctc	ctgcctcagc	ctccggagta	120
gctgggacta	caggcgcatg	ccaccacacc	tggttaattt	attttgtatt	tttagtatat	180
acgcggtttc	accatgttag	ccagaatggt	ctcgatctcc	tgacctcgtg	atctgcctgc	240

SECRET

```
<220>
<221> misc_feature
<222> (860)...(2627)
<223> similar to gil9867 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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7457

ttatctgcac	cctggacagc	tggggccctt	tccctctggt	catgtacggc	ctcttccctt	1560
tgattatctg	taacctctga	cccctgggtc	gctggggcct	ccgccctctg	attatctgca	1620
gcctcttccc	tgtagtattc	tgtgccctgt	gacctctggt	cagctggggc	ctctgccctc	1680
tgattatctg	cagcctcttc	cctctggtta	tctgcagcct	ctgccccctc	ctcagctggg	1740
gccctgccc	tctgattatc	tgcagcctct	tccctctgat	tatctgcagc	ctctgcccc	1800
tggtcagctg	gggcccctgc	cctctgatta	cctgcagccc	cttcccgcctg	gtcagctatg	1860
gcctcttccc	tttgactatc	tgcagcctct	ccccctgat	cagcctcgat	gtctgcccc	1920
tgacctgtgg	gtgctgtctg	ctccttcctg	cggcgccgaa	aggaggccca	gttgatcttg	1980
ggcctccatc	gcctagggga	agcctggggc	acacaaacat	ctcccgcgtt	tccaagcga	2040
tccccggggc	tggtgccctc	tggcgccgat	gataccctg	cgctctccac	tgcggaacac	2100
cttgccgata	ttcttaaatg	tccccacggg	ctttagggct	tccacgagga	cgtccaaatc	2160
cacatctttg	cagacatcgg	ggacgctcca	aagaatgagg	cagtcggggg	acggcaggaa	2220
gccccagggg	aaccagcccc	ccacgtggct	tttctcgaga	gtctttaaga	tctccagggt	2280
gatatctggg	gtgaggggca	atgagcccca	acaaaactact	gtagccctta	gtcttgaggg	2340
agggactgga	tggggggagt	tccagcaacg	ctgaccggag	agtctcacct	ccctagccag	2400
ggacgagcca	aacgcctcca	atctcttcgc	ctgcaacaag	tacagtcttg	accaagtccg	2460
gctccccac	caaggacttg	ggggaatcaa	tttccaggat	gcctacgtga	gccgggggcg	2520
aggtcagtc	caagctcaag	gcccactcca	agctggaaac	gtggtgtccc	agctccaagt	2580
tggggcgcg	gggctgccag	cgactcttcc	tgcccaggcc	ccagggacgc	ggctggaact	2640
tggg						2644

<210> 8964

<211> 894

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (83)...(864)

<223> similar to gi5911846 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8964

gcggtgcgag	cggggggttag	ctcccagttc	ggcctctgag	gaaaacgggc	gttcgcctgc	60
ggttgggtccg	actgttagca	acatgagcgg	cctggatggg	gtcaagagga	ccactcccct	120
ccaaacccac	agcatcatta	tttctgacca	agtcgccagc	gaccaggacg	cacaccagta	180
cctgaggctc	cgcgaccaa	gcgaggcgac	acagggtgatg	gcggagccgg	gtgagggagg	240
ctcggagacc	gtcgcgctcc	cgccttcacc	gccttcagag	gaggggggcg	taccccagga	300
tgcgcggggc	cgtggcggta	ctccccagat	ccgagttggt	gggggtcgcg	gtcatgtggc	360
gatcaaagcc	gggcagggaag	agggccagcc	tcccgcgaa	ggcctggcag	ccgcttctgt	420
ggtgatggca	gccgaccgca	gcctgaaaaa	gggcgttcag	ggtggagaga	aggccctaga	480
aatctgtggc	gccagagat	ccgcgtctga	gctgacggcg	ggggcgagg	ctgaggcgga	540
ggaggtgaag	acaggaaagt	gcgccaccgt	ctcagcagcc	gtggctgaga	gggagagcgc	600
tgaggtggtg	gtgaagggaag	gcctggcgga	gaaggaggta	atggaggagc	agatggaggt	660
agaggagcag	ccgccagaag	gtgaagaaat	agaagtggcg	gaggaggata	gattggagga	720
ggaggcgagg	gagtaagaag	ggccctggcc	tttgcatgag	gctgtctgca	tgggcccctgt	780
ggaggccatg	cagctggaac	tgtacactgt	gaatgtgtca	ggccgacagg	gctttccatc	840
agggggagcc	caagtttggc	gtatggcacg	aaatcgtcga	ctcgtgaatt	ccgg	894

<210> 8967
 <211> 365
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (79)...(366)
 <223> similar to gi4379026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8967
 cggcacgaga caagggagaa atactgttaa tacagagaaa atctcaaaaa atactgtgag 60
 actacagtag attcctgtgc aaataaattt gaaaacctag aggaaatgga taatttctta 120
 ggcacgtaca gtttaataaaa attgagccaa tttgagatgg aaagcttaag cagaccagtt 180
 tccatagaag aaaagagaaa gttatgaagg aactacttcg tacaaaaaca ccaggcccag 240
 atagattggc aggaaacttc tgtcaaacct ttagagatca ggtagatagt cctaattgcta 300
 cataaattgt tttagagcat aaataataaa ggaaaacttc caagttcttt gaatgaagca 360
 agtat 365

<210> 8968
 <211> 377
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (154)...(379)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8968
 aaaaaaagaa gcataactga tatgctaaaa aatgagaaaa aaataattta tatgaaatgc 60
 tcaattgtaa caacaaaagg caaaagagaa aaagagtga agataaaaaat aagaacaaag 120
 aacaagaaca acaaatagaa aacaataaaa aatatagtag atgttaacca aaccgtatta 180
 acaatcactt tgaatgtcag tggctctaat tcaccagtta aaagaaagag attgtcagac 240
 tggatcaaaa aacaagaccc aactatatgt tgtatataag aaaccactt taaatataaa 300
 gacacatata aacgggtaga gaaagatata ccctgacaac actaatcaaa agaaagcaga 360
 attatctatg cttatgt 377

<210> 8969
 <211> 418
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (406)...(420)
 <223> similar to gi3168604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8969
 gtcttgctgt agcctagtga gaataaaaga gcagtcactt tctctgaagt ctagcctccg 60
 ccacttaac atgactctct tctttctttg aaggtttgag ggctgtgtc tgctgtccct 120
 gctggtaggg gagagcccca cagagctatt ccagcagcac tgtgtgtctt ggcttcggag 180
 cattcagcag gtgttacaga ccaggaccc gcctgccaca atggagctgg ccgtggctgt 240
 cctgagggac ctctccgat atgcagccca gctgcctgca ctgttccggg acatctccat 300
 gaaccacctc cctggccttc tcacctccct gctgggcctc aggccagagt gtgagcagtc 360
 aacattggaa ggaatgaagg cttgtatgac ctatttccct cgggcttgtg ggtctctc 418

<210> 8970
 <211> 392
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (139)...(395)
 <223> similar to gi5802816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8970
 caaacatggg gctcgaaccc gggtcgaagg gtcgccagag cgatgggttg agaacatgga 60
 actacgtgg agcacacctg agtactctta agcaatcccc atggtaagta agaaggggag 120
 ctcggaagca tcagggtaac aatgggacaa gggtaagca ggcacaaggc ttatttgagt 180
 ctgcctcggc agctcctcag aaaaggagga gtgaaagtta gactagctg acttatgcag 240
 ctttttagta tggtagagaa atattgcccc tggtttccga ctgaggaaat atggatgtag 300
 aggtctggga ggaggtaggc agcgactga aaaaggcgta taaggatggt gctgaggata 360
 ttctataaac tgtctggtca gtgtgggctc tg 392

<210> 8971
 <211> 479
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(461)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8971

ggaacataaa	ggataaaaga	cataatagag	gacaaatagc	aaaatgacag	aattaagttc	60
tctcttatca	gtaattatat	taaatgtaaa	tgaattaagc	tcttcaatga	aaaggcagag	120
attggcagaa	tggattttta	aaagaaccat	gatccaacta	tatgctgtct	ataagagact	180
tatttttagat	tcaaagacac	aaataatttc	caagtgtaaa	gatggaaagc	ataccatgca	240
aacagtaacc	aaaaatgagc	tgaagtggct	atgctaatat	cagacaaaat	ggacattgac	300
acaaaaatgt	ttcaaaaaac	aaagaagtac	attaatatga	taaaatgttc	aatgtattaa	360
gaagatattg	caattataaa	caaataggca	cttatcaaca	gagaccaaga	acctatgaca	420
aaagattgac	agaattgaat	gaaaagttaa	aaaatagtcg	gaggccaggt	gcagtggct	479

<210> 8972

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(444)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (55)...(403)

<223> similar to gi5824531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8972

ttgttcattc	gctcagagcc	acaggaggag	gggagaggcc	tggaggacac	caacatgaac	60
aagttgaaat	catcgagaa	ggataaagtt	tgtcagttta	tgatcttcac	acaatctagt	120
gaaaaaaacc	gcagtaagtt	gtctatctca	aaatgactgg	aagttagatg	ttgcaacaga	180
taattttttc	caaaatcctg	aactttatat	atgagagagt	gtaaaaggat	caactggaaag	240
gaagaagtta	gaacaactgt	acaatagaga	caaagatcct	caaaatgaga	ataaaattgg	300
aatagatggt	atatagcagt	tctgtgatgg	cctggcactc	aatccagcca	gcattagtgt	360
gttgattatt	gcattgatgt	tcagagcagc	aatacagtgc	ggacgcgtgg	gtcgacccgg	420
tnntcggacg	cggtatccca	aga				443

<210> 8973
 <211> 1772
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (147)...(0)
 <223> similar to gi854065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8973

aagcccctgg	gaatccccgg	tcgacctacg	cgtccgggtga	ggagcatggg	tctccggcag	60
ccccccagct	tttactgggc	ctaggcccag	ttgctggccc	taagttgtac	ccgagactct	120
acacagacat	ccacacacac	acacacacac	actctcacac	acactcacac	gtggaggggca	180
aggtccacca	gcacatccac	tatcagtgtc	agacggcacc	gtatctgcag	agggcacggg	240
ggggccggcc	agacaggcag	actgggagga	tggaggacgg	agctgcacac	gaaggcaggg	300
gacccatggc	gaggaggaat	ggccagcacc	ccaggcagtc	tgtgtgtgag	gcatagcccc	360
tggacacaca	cacacagaca	cacacactac	ctggatgcat	gtatgcacac	acatgcgcgc	420
acacgtgctc	cctgaaggca	cacgtacgca	cacacgcaca	tgcacagata	tgccgcctgg	480
gcacacagat	aagctgcccc	aatgcacgca	cacgcacaga	gacatgccag	aacatacaag	540
gacatgctgc	ctgaacatac	acacgcacac	ccatgcgcag	atgtgctgcc	tggacacaca	600
cacacacacg	gatatgctgt	ctggacgcac	acacgtgcag	atatggtatc	cggacacaca	660
cgtgcacaga	tatgctgcct	ggacacacag	ataatgctgc	cttgacacac	acatgcacgg	720
atattgtctg	gacacacaca	cacacacgtg	tgcacagata	tgctgtctgg	acacgcacac	780
acatgcagat	atgctgcctg	gacacacact	tccagacaca	cgtgcacagg	cgcagatatg	840
ctgcctggac	acacgcagat	atgctgtcta	gtcacacaca	cacgcagaca	tgctgtccgg	900
acacacacac	gcatgcacag	atatgctgtc	cggacacaca	cacgcacgca	gatatgctgc	960
ctggacacac	acacagataa	tgctgcctca	acactcacac	acgtgcagat	attgcctgga	1020
cacacacatg	tgcacagata	tgctgtctgg	acatgcacac	acgtgcagat	atgctgtccg	1080
gatacacacg	cacgcacaca	tgcagatatg	ctgcctgggc	acacacttcc	ggacacacat	1140
gcacacacag	gtgcagatat	gctgcctgga	cacacgcaga	ctgacgtgct	tttgggaggg	1200
tgtgccgtga	agcctgcagt	acgtgtgccg	tgaggctcat	agttgatgag	ggactttccc	1260
tgctccaccg	tactcccccc	aaactctgcc	gcctctgtcc	ccgcctcagt	ccccgcctcc	1320
atccccgcct	ctgtccccctg	gccttggcgg	ctatTTTTTgc	cacctgcctt	gggtgccccag	1380
gagtcccccta	ctgctgtggg	ctgggggttg	gggcacagca	gccccaaagg	tgagaggctg	1440
gagccccatgg	ctagtggctc	atccccactg	cattctcccc	ctgacacaga	gaaggggcct	1500
tggtatttat	atttaagaaa	tgaagataat	attaataatg	atggaaggaa	gactgggttg	1560
cagggactgt	ggtctctcct	ggggcccggg	acccgcctgg	tctttcagcc	atgctgatga	1620
ccacacccccg	tccaggccag	acaccacccc	ccacccact	gtcgtgggtg	cccagatct	1680
ctgtaattttt	atgtagagtt	tgagctgaag	ccccgtatat	ttaatttatt	ttgttaaaca	1740
tgaaagtgca	tcctttccct	caaaaaaaaa	aa			1772

<210> 8974
 <211> 1889
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (737)...(1888)
 <223> similar to gi4239654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8974

tgcgtttgtc	aaagcacaga	cttcctgttt	tgcttgctag	catctccctg	taactctccc	60
aatcttgagg	agtgatccct	gtcccagccc	ctggaaaggg	gcaggaacga	caaactcaaa	120
gtccaggatg	ttcaccatga	caagagccat	ggaagaggct	ctttttcagc	acttcatgca	180
ccagaagctg	gggatcgctt	atgccatata	caagccattt	cccttctttg	aaggcctcct	240
agacaactcc	atcatcacta	agagaatgta	catggaatct	ctggaagcct	gtagaaattt	300
gatccctgta	tccagagtgg	tgacacaacat	tctcacccaa	ctggagagga	cttttaacct	360
gtctcttctg	gtgacattgt	tcagtcaaat	taacctgcgt	gaatatccca	atctggtgac	420
gatttacaga	agcttcaaac	gtgttggtgc	ttcctatgaa	cggcagagca	gagacacacc	480
aatcctactt	gaagcccca	ctggcctagc	agaaggaagc	tccctccata	ccccactggc	540
gctgccccca	ccacaacccc	ctcaaccaag	ctgttcaccc	tgtgcgcca	gagtcagtga	600
gcctggaaca	tcctcccagc	aaagcgatga	gatcctgagt	gagtcgcca	gcccactctga	660
ccctgtcctg	cctctccctg	cactcatcca	ggaaggaaga	agcacttcag	tgaccaatga	720
caagttaaca	tccaaaatga	atgcggaaga	agactcagaa	gagatgcccc	gcctcctcac	780
tagcactgtg	caagtggcca	gtgacaacct	gatcccccaa	ataagagata	aagaagaccc	840
tcaagagatg	ccccactctc	ccttgggctc	tatgccagag	ataagagata	attctccaga	900
accaaagac	ccagaagagc	cccaggaggt	gtccagcaca	ccttcagaca	agaaaggaaa	960
gaaaagaaaa	agatgtatct	ggtcaactcc	aaaaaggaga	cataagaaaa	aaagcctccc	1020
aggagggaca	gcctcatcta	gacacggaat	ccaaaagaag	ctcaaaaggg	tggatcaggt	1080
tcctcaaaag	aaagatgact	caacttgtaa	ctccacggta	gagacaaggg	cccaaaaggc	1140
gagaactgaa	tgtgcccga	agtcgagatc	agaggagatc	attgatggca	cttcagaaat	1200
gaatgaagga	aagaggtccc	agaagacgcc	tagtacacca	cgaagggtca	cacaaggggc	1260
agcctcacct	gggcatggca	tccaagagaa	gctccaagtg	gtggataagg	tgactcaaag	1320
gaaagacgac	tcaacctgga	actcagaggt	catgatgagg	gtccaaaagg	caagaactaa	1380
atgtgcccga	aagtccagat	cgaagaaaaa	gaaaaaggag	aaagatatct	gttcaagctc	1440
aaaaaggaga	tttcagaaaa	atattcaccg	aagaggaaaa	cccaaaagtg	acactgtgga	1500
ttttactgt	tctaagctcc	ccgtgacctg	tgggtgaggcg	aaagggattt	tatataagaa	1560
gaaaatgaaa	cacggatcct	cagtgaagtg	cattcggaat	gaggatggaa	cttgggttaac	1620
accaaagtaa	tttgaagtgc	aaggaaaagg	aaggaaacgca	aagaactgga	aacggaatat	1680
acgttgtgaa	ggaacgaccc	taggagagct	gctgaaggta	ttataaagac	gggacagata	1740
ggtgacaggt	ttaaatcctt	gaaggagaag	tggagcttta	agagcagaaa	tgtgaagagc	1800
tcccgttagg	attcaacagc	atgatttata	aggagttaaa	tgttcataga	aaaaaaaactg	1860
tgggtgacaa	agttaggagc	acatattgt				1889

<210> 8975
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (106)...(445)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8975
gaatggggta tttgcaagca gtgaatgagg aggcctggaa ccaatcttct gctgatattg      60
aggcacaact gaaaaaggca tattacttaa atctcttatt gtattgtaaa ctgtataagt      120
aatgaaatta aaaggcagaa attgtcagac tgaataaaaat gaaaagacca aacaatatgc      180
tgcttacaag aaacacaatt caaatataag gacacaatta gtttaaagga aaagaactgg      240
aaaagatata ccatgataac acaagtcaga agaaagctgc tgtggatata ttaatatgag      300
atgtagattt cagagcagtg aatattgcca ggcataaaga aagttattac ataataatta      360
aggtatcagt tcatcaagaa gatgtaataa ccctaagtat ttatacaact aatatcagag      420
cttcaaaaata catgaagcaa aaaccagtggt aattgatagg agaaacacac aattacac      478

```

```

<210> 8976
<211> 1068
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (496)...(1052)
<223> similar to gi206716 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8976
aaccgaatgc gggctcagagt cggctaacaa cgactttctc actatttcct gcgctgaatc      60
gggtggccag ggcccctcac tgtgaccttg gaacctcgac tccccacagg gctgtttcct      120
cgctgtgtaa ggaggagggg cgttcagaga ccacctcatt ctgggtgctg aatccaggca      180
gaatcagagg gagattccgc ctccccttcc acgcagggcc cctcgaggga gcctgagagg      240
tcttaagagt ctgggagaaac acccgggggc aggtgcacgc cctaggcaag acgccagggc      300
taaatcccgt gaagaacggg aatccccttcc cgatccggag ggctgaccca ctcagagcct      360
ccatgtgctc ttggaggaca aaagcccctt ttccagaagg gagcgccaag atgatcgctc      420
caggccgcac gggcccttgc gggggcccca gagagtctca ggggagggtc tctgacccta      480
acactcgagc gcagggtgga cccgtctcca gattccacgc ccaggccgct ttccccaggt      540
cctgcgaggt ccagcccagc caggacgggt tgggcaggca ccaaccagcc cctgaccctt      600
ggctccaggc caaaggggac gctcaccagc gctttgggtc tcccttctcc tggccgatgg      660
gaccggcggg cgggcccact ccaaccgcct tcgcagacgc cctcaccagc gaagcaggcg      720
agatcctcaa cctccgcccg gaaaccccca accccagggtg accgaaaagc aagacgcca      780
cctcccctga ccaagaccgg cctggccagg accccctggc tcccgccctc aagcaggagg      840
cttcacgccc acacacagag gccgggctcg aggcgggagc gcccggggga gcccggcagg      900
ccgcgcccgg aggaacctct agtccccctt caaaccttgg gacttcaccc ccaagctcca      960
tgctggcgcg ggaagccccg ggggcccggc ttctgcaccc caggccgccc cgcgccgagg     1020
ccccaggctc ccgtcggata aaggaacagg caccgcggcc tccattcc      1068

```

```

<210> 8977
<211> 722

```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (211)...(725)
 <223> similar to gi2950243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8977
 aaggtctagc caacattcat tcgttcctat tccaagaccc tgcttatcaa cgggtgcaagt 60
 atttctacat aattttctct tccttttatg ctgtagagca taccgcttgt gggaaatgga 120
 gggaaggccc acggtcccga caatgtttgg gcagggtacc tcgtcccagg tggatcgccc 180
 accttactgc tgcataagacc tgctgtgtat cccggcccca gcccggccc cggcccgaag 240
 tcctctagcc cctcttccca gcaactcagga ccgcggattt cagatgacca aaggccaccc 300
 tgtgacaaca gcgtcggaac cacggcactt ccgcctgcgg ccggtgagac taaaaatccc 360
 agaagccccg cgcaagtctc gtcccactac cccccctcc catcacgact ccagaacccc 420
 tccgcgagac gccagggcct cgaaatagaa caaaaccggc cgggtggggga gggggaaggt 480
 gagggtctcg gaggacacag ggggttagag agctctctgc aaatgccgaa gacccaagca 540
 ggcttgcgc ctacccctcc ccgcccaca actgctaggc gcggagaccg cggcctgttc 600
 cccgcgcctc ccgggaagct gaggaaggct ccggacaggc ttccccgcgc gctcctgcta 660
 agaggctcgc agaccctagc ccggtgtccc cctccctct cataacgttc cccgcacacc 720
 gg 722

<210> 8978
 <211> 597
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (90)...(533)
 <223> similar to gi4678718 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8978
 gtacccttcc gttattcccg ggtcgacgat ttcgtggttg gaggaggtgt ggggccgttg 60
 ccgccaggaa aaacagcact ggaggcaatg tttctataaa tcaaagaaga gacagtgtga 120
 gaatgtcagc cctcaactgg aagccgtttg tgtacggggg gctggcctcc atcactgctg 180
 agtgcggtac atttccaatt gatttaacca agacacggtt ccagattcaa ggccagacga 240
 atgatgcaaa atttaaggaa attatatacc gaggaatggt gcacgcatta gtgaggatag 300
 gcagagaaga agggctgaaa gcaacttact cggggtgagt aggccttcat gcatttctgt 360
 gtcaactgttc actgtttcac atgggtatag acttcagacc aagactgcac agatcacaag 420
 taaaaagttt gaggtgtgtt tgaaaagaac aaatagcatg atagattttt cacttttaat 480
 ttcaactcta atttctaagt atatatatta tgcagcagat gttttggaga aactgtttta 540
 ctatattcaa gtacagacag acaacaataa aaaaatatgt ttgtttaaaa acattct 597

<210> 8979
 <211> 1210
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (692)...(0)
 <223> similar to gi4584086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8979
 ggaagtagga ggagagtcag gactcccagg acagagagtg cacaaactac ccagcacagc 60
 cccctccgcc ccctctggag gctgaagagg gattccagcc cctgccaccc acagacacgg 120
 gctgactggg gtgtctgccc cccttggggg gggggcagca cagggcctca ggcttgggtg 180
 ccacctggca cctagaagat gcctgtgccc tggttcttgc tgtccttggc actggggcga 240
 agcccagtggt tcctttctct ggagaggcct gtggggcctc aggacgctac ccaactgctct 300
 ccgggcctct cctgccgcct ctgggacagt gacatactct gcctgcctgg ggacatcgtg 360
 cctgctccgg gccccgtgct ggccgctacg cacctgcaga cagagctggt gctgaggtgc 420
 cagaaggaga ccgactgtga cctctgtctg cgtgtggctg tccacttggc cgtgcatggg 480
 cactgggaag agcctgaaga tgaggaaaag ttggaggag cagctgactc aggggtggag 540
 gaggctagga atgcctctct ccaggcccaa gtctgtctct cttccaggc ctacctact 600
 gcccgctgcg tcctgctgga ggtgcaagtg cctgctgccc ttgtgcagtt tggtcagtct 660
 gtgggctctg tggatatga ctgcttcgag gctgccctag ggagtgggt acgaatctgg 720
 tcctatactc agcccaggta cgagaaggaa ctcaaccaca cacagcagct gcctgactgc 780
 agggggctcg aagtctggaa cagcatcccg agctgctggg ccctgccctg gctcaacgtg 840
 tcagcagatg gtgacaacgt gcatctgggt ctgaatgtct ctgaggagca gcacttcggc 900
 ctctccctgt actggaatca ggtccagggc cccccaaaac cccggtggca caaaaacctg 960
 gtgaggcctc ccccttccca agtccattcc cactgtaggc cgatgcctgt gcaaaggacg 1020
 cagtgccata tcagagagga tccttgaaga ggactcacc caagcaaggg aaaattggtg 1080
 ggggaacttc tgccttctct gtttccttga ctttggcctc ctctcttcc tccttatctt 1140
 ctccaacctc cttcctttat ttgttccaca gactggaccg cagatcatta ccttgaacca 1200
 cacagacctg 1210

<210> 8980
 <211> 1108
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (693)...(855)
 <223> similar to gi4809026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8980
catatgaaca tttcaataaa ggtagaaaaa gcacttgata ttgaatgctt tcctcttgat    60
tttacaacca agacaaggaa gtccattatc actattttcta ttcaatagtg gacatactag    120
ccagcaacaa aactaaaagg tataaagatt acaggaaagt taaaccatct ctattcacag    180
actgcaagat tgtaatcaca taaattccaa aagactctac agactctaca gtcccacggc    240
agccccttcc tccgcgccgc ggcgggcgct ccggcccacg tcacgctcgc gccattgttt    300
cccagccgct gctcgctggg accccgccag ccctcgagcg cggccattcg ccgcgttctg    360
ccctctcccc cctttcctca cgctggtggt ggccctttcc tcagtcctgc tgatgtcctc    420
cagctgattc caggctgttc ccggccaccc ctgaggccgt cctttcgctt cttgtaaaag    480
cctccccgcc tcctgagctc cctcggtcgc ctcccagaaa gccaacgggc ctctctggtg    540
gagcgctagg ttgacagcgt tttagcagga ccgcgagaaa ccggggagat cctcttacga    600
ggaaaaactc caagattaca tccctgttat ctttcctcca agtagtttct gatcataagt    660
tatttgttta aaaatgatgt tttaattaga atttatttga tggcttttaa aaaactttta    720
ctgacactca acatgtttgt tttttaggga actgactaag actttggaac agaaaccaga    780
tgatgcacaa tattatcgtc aaagagctta ttgtcacatt cttcttgga attactgtgg    840
tgcagatgct aatttcagtg actggattaa aagggtgtcg agctcagaat ggctcggaat    900
ctgagggtgt tgtggggaag tatgagaccc tcgtgtttta ctggccctcg ctgctgtgcc    960
ttgccttcc tctggggcgc ttctgcata tgtttgtcaa ggctctgagg gtgcacctcg   1020
gctgggagct ccaggtggaa gaaaaatctg tcctggaagt gcaccaggga gagcacgtca   1080
agcagctcct gaggataccc cgccctca                                1108

```

```

<210> 8981
<211> 947
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(948)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (601)...(947)
<223> similar to gi2246532 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8981
tgctgacctc caaataccgt taagctggag cctcggtggc catgcttctt gccccttggg    60
cctcccccca aaccactcc accttactac cagacaacct tagccaaacc atttacccaa    120
ataaagtata ggcgatagaa attgaaacct ggcgcaatag atatagtacc gcaagggaaa    180
gatgaaaaat tataaccaag cataatatag caaggactaa cccctatacc ttctgcataa    240
tgaattaact agaaataact ttgcaaggag agccaaagct aagacccccg aaaccagacg    300
agctacctaa gaacagctaa aagagcacac ccgtctatgt agcaaaatag tgggaagatt    360
tataggtaga ggcgacaaac ctaccgagcc tgggtgatagc tggttgtcca agatagaatc    420
ttagttcaac tttaaatttg ccacagaac cctctaaatc cccttgtaaa tttactgtt    480
agtccaaaga ggaacagctc tttggacact agggaaaaaac cttgtagaga gagtaaaaaa    540
tttaacaccc atagtagggc ctaaaagcag gccaccaatt aagaaagcgt tcaagctcaa    600

```


cacccactac	cctaaaaaag	tcccccaaaa	accttttaac	tgggactccc	tccaacaccc	660
catttggggc	caatcctatc	acccctattt	ggaggaccaa	tggttnggta	taaggtacca	720
tgggaaacat	tttccccccc	ggaaaagccc	tnggggccag	gtnaaacccct	gggcctggca	780
attaacaggc	ccaatttttn	aattnaccca	ncaagggnntt	tttccccccac	tgggaacccc	840
aaaaaggggt	gcctataggg	gaggggttaa	aaaaaaaaaa	acccgagggg	ggccggnncc	900
aantggccca	aagggggggg	ntaaaatnac	agggnggggt	taaaagg		947

<210> 8982

<211> 512

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (100)...(506)

<223> similar to gi56520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8982

gcgttctgta	attcggcacg	agaaattaga	aagcagtggc	agaagaaaat	ttgggaaatt	60
cacaaatatg	tggaaattaa	acatttaaaa	aaacaatgaa	tcaaagaaga	aatcacaaag	120
gacattaaaa	aatactctga	aatgaataaa	aatgaaaatg	caacatacca	aaacttatgg	180
gatacaataa	aagttgtgct	tagagggaaa	ataatagctg	aaatacttat	atattttaag	240
aagatctcaa	atcagtaacc	cagacttcca	ccttaagaag	ctagaaaaag	gagagcatac	300
taaaaccaat	acaagctgaa	gaaaggaaat	tattagagtg	gaaataaata	gaatagaaaa	360
acaatggaga	aaataaacta	aaagttgggt	ctttgaaaag	atcaataaaa	ttggcaaagc	420
tttagctagg	ctgatgatga	aaaaagagga	ctcaaattac	taaaattaaa	aaaaaggagg	480
aaaaagtatg	acctatttca	caggtcttaa	gg			512

<210> 8983

<211> 1403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (150)...(1405)

<223> similar to gi5834567 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8983

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gcgccagggt	gtgggaagtg	aggctggcgg	tggcgacaac	cgaggaggag	gggcgggacg	120

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ccgtggagca cggcgaccgg ctgagcgtca tggagggctc aggggagcag ccgggcccac 180
aaccacagca tcccggagac caccgcatcc gcgacggcga cttcgtggtg ctgaaacgtg 240
aagatgtgtt taaagcagta caagtccagc ggagaaaaaa agtaactttc gaaaaacagt 300
ggttctacct ggataacgtc attggccata gttatggaac tgcatttgaa gtgaccagtg 360
gaggaagtct acagcccaag aagaagaggg aagagcctac tgcagagact aaagaagcgg 420
gcactgataa tcgaaatata gttgatgatg ggaaatctca gaaacttact caagatgaca 480
taaaagcttt gaaggacaag ggcattaaag gagaggaaat agttcagcag ttaattgaaa 540
atagtacaac attccgagac aagacagaat ttgcccaaga taaatatatt aaaaagaaga 600
aaaaaaaaata tgaagccatc attactgttg tgaagccatc caccctgatt ctttcaatta 660
tgtattatgc aagagaacct ggaaaaatta accacatgag atacgataca ctagcccaga 720
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tcagtggctt ttatgaattc cctctcaaca aagtggacag tcttctacat ggaacatttt 960
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aaggggccta aagagagagg aagcaaaaaa gattatattt cagggaaaaa cagagggaga 1200
caaggaagga gcagcggaag agacttttgg ggctgccgct ctgcttgagt tgaaaggaaa 1260
cgccgatggt tttatttgtt agcttgttct tttccacccc actcccctgc tgctgtcttt 1320
gctggacttt gtggccctt caaggccgtt tgtggtctac tgtcagtaca aagagcctct 1380
gttggaatgc tacacaaaac tgc 1403

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<210> 8984
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(452)
<223> similar to gi473945 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8984
ctgcgctgca ggaattcggc acgaggaaaa aactactttt aaggaaatat agcatctatc 60
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ctctacctga gttcttctact aaaagacctc aataagaaga cagaagttaa accagagaaa 180
ataagcacta agaggattac gtccattcaa tacttggaac tgcaaacatc aaaaaagcca 240
ttgaagaagc tgaaagactc tctgagagcc ttaaactaag atataaagaa gctgaagtcc 300
ggaaataact tgaggaaaag gacaggcaga aggaagcaca gcaactaca caaaaaaggc 360
aggaaacagg aagagaggat ggtggcacat tggctaaagt ttctttggag aatgtattgg 420
attccaaaga caaaaccca aaagggcac 449

```

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<210> 8985
<211> 5989

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<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (5344)...(0)
 <223> similar to gi3059111 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8985

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ggccccgcag aggacttgcc tccaccgcca cctgcaagtc cgcccagctg gacttctgcg      60
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agaccaacga gtctacggag ggatcgcggt cgcggtcgcg atcttttagac atacagccca      180
gctccgaagg actggggccc acttcggaac cgtttccttc ttcagatgac agtcccaggt      240
cggccctggc agctgcaacc tcagcagctg cagcggctgc atcagctgct gcagctactg      300
cagccttcac cactgccaaa gcagctgcat tatctacaaa gaccccagcg ccctgttctg      360
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ttaccacaaa tatagcccat gggagtcttg gctttgagcc cgtctatgtt tcctgtattg      480
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gctctgggcc tgttcttggg tccagctcag gtgctggcca tggtctctggc tctggctctg      600
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gctctggctc tggtcatggc tctggctctc atcctggctc tgctctctggg cctggctccag      720
acactggccc tgactctgag ctacgcccct gtattcctcc aggggttcaga aacctgggtg      780
cagatcgggt ccctaactat acctcctgga gtcagcactg cccctgggag cccagaaaac      840
aaccaccttg ggaatttttg caagtcttag aaccgggtgc ccgaggacta tggaaacccc      900
cagacattaa agggaagctt caggtttgct atgaaacttt gccgcggggc cagtgcctcc      960
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aaatatcttc ccttcctctg cccggaggaa ggctgggtgg tggcgggggg agaatgactc     1680
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ctctttcatc cccaagactg ctaatttagt gattctgtga gtcactgtgt gcatacccca     1860
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gttttatatt tgaccaagag atagttctgg tttagatata gatatttaca gaaagcacgg     1980
gaggaagggg accaagccag agagggacag gtatatgtac aggggctaag ctgcagaggg     2040
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ccatttctgg tgtgtgcaga catggtggcc attgcccacc cagggtaccag cagcagaaga     2160
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gtaatgctag ggccatacga gcaatttctg gtgcatggcg ttgaccaatt tcggccctgg     2580
gaggccagat accaccatgt aagcatcccc aatcgtctcc accttggttag gaaccaaagt     2640

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ttgccaataa	tggcatccaa	gcagggaata	cggccattaa	gaagggtcac	taccggcatg	2700
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ttcacaattc	cgagaggaaa	ttgtgcccta	acaaggtaaa	gagacttgct	taaggctact	5820
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cctaaaagtc	agttgattta	taatgcta	cagatttcta	ataaattta	gttgagctca	5940
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<210> 8986
 <211> 2418
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1740)...(2114)
 <223> similar to gil072409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8986

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aagctggtca	aaagtgaag	cctattgacg	tgttcgactt	tcctgataat	tctgatgtct	180
caagcattgg	caggctgggt	gaaaatgaga	aagatgaaga	aacttatgag	acctttgatc	240
ctcctttaca	tagcacagct	atatatgctg	atgaagaaga	attctccaaa	cattgtggac	300
tgtctctctc	ttcaactcct	ccaggaaaag	aagcaaaaag	aagttcagac	acttctggaa	360
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atcgaaga	aaaggcagcg	tatgattgaa	gtccaggatg	aactgcttcg	gttagagcca	1020
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aatgcagcat	atttcttata	taatttataa	cagctttatc	aagattattc	agatgttcaa	1140
gctcaagaac	caaacgtaaa	ggaaacgtat	gattcatcca	gccttccagc	tctgttattt	1200
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aagctccttg	accagggatg	agaagagcag	tctactaaaa	tgtgcctata	ggaagactag	1320
tctcatgctg	ttaccttctg	aaactgtacc	tttataaatc	aattgttttg	caaagaagtt	1380
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gatggagaaa	aattaaaaag	taaaaggata	aggatagata	cataccaatc	aaaacggtgg	2340
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<210> 8987
 <211> 1166
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (800)...(1164)
 <223> similar to gil644232 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

004575.0100

<400> 8987						
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ggcccccaa	ggaaccttta	aaaaggcccc	cccctttttt	tttttttgaa	agtataaaaa	180
tcattttact	ttaatacaaa	atcacataaa	gaaaggcatg	ttggctaaat	caaataattca	240
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tctgcacgct	ggaggccctg	ggggttgaca	tgggagcagg	aagtggaccc	ccccaccctg	420
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gccaacctc	gtccctctcc	tcgtcctcct	ctccctcctc	ctattcctct	tctcgcacag	1140
ggggctcctc	catggccacc	cagacc				1166

<210> 8988
 <211> 791
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (391)...(792)
 <223> similar to gi436923 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8988
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ctgtatatag ggttcaaagt ttaataagta tctgttaagc tcaatcttaa tatatccttg 180
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tactaattcc attatatgtt ttcttctgga gcctcaagtt tcttatttat acatttgaat 300
gcaatataat ttgggtactga aagtttcata acagttaaata ctttgctgtg aattgttgcc 360
tttgtcagta taacgtgatc cactttctcc tatttaatac tttttctcct taaattcttc 420
ttttatttaa tagcataatc tccgctttct ttcttgatg tccgctttct ttctttccct 480
ggtgtttttc ttttaagcttt ttacatgtca ctgtatttta gttgtttctt ataaacagca 540
tgaagttgga ttttatattt ttacctaac tgagagttaa tttattttta taacttttat 600
ttttatcttt tgtcattttt ttctattatt tacatatatt atgcttctat tctgcttttt 660
tcatttcttt tgacaactat tattgaatga gtaatgtatt ctttattttt aatcttttct 720
agtgggtgtg gtgtgtatata acacatatat ttacatatat atatatacag acatatatac 780
actagattat a 791

<210> 8989
<211> 732
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(715)
<223> similar to gi3063706 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8989
gccgtcaggg cagggagctt ccaaaggcca gtccgagtc atgccaggcg tccactaaat 60
ctgcctctcc ctctccagcg agcaggtgca gccctcaact cctgcaggcc tggggagcgg 120
agacagggcc tgtaggctcg gacacgaccc ggtcctgatt ttaacagtag acttgagaag 180
gcaagctcag cagacaggct gctggaggat ccaccgctg tctcccgag cggcccccact 240
gaagcggcag aaacacacag aagcaccaaa tctgtcactc tcttcccgta ggaagtcccc 300
agaggtggcc ctccggagga tggctcctgtt ggctgaagat atgaccacac ctgtgcctgc 360
ccagggccac cttcagcttg gcaacaggaa ctccgcacac tggtagcctg gacacacaag 420
gaaaagaaag ttccctccaa gagggatatc ggcccagcct cagccccacc aagcggaggg 480
cagcaaagcc cccgaatgat ttgccttacc cccaccgccc gtccctgctg gccagacagg 540
cacaccccg ccatagggca cccctcccc acggtatcca gctgccctcg cgtccccgtg 600
tggccgctcg cctgcccgcc agaccgggac acggggccag gagggctcgc ctgcccaggc 660
acagatcagc cgctgtcaca cgcacagtgg gtctggggca gcgcaggaat tccaccgcac 720
tggaactaat at 732

<210> 8990
 <211> 1120
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (96)...(993)
 <223> similar to gi3127193 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8990

caaggctgta	ggagttctgg	agctgctggc	tggagaggag	ggtggacgaa	gctctctcta	60
gaaagacatc	ctgagaggac	ttggcaggcc	tgaacatgca	ttggctgcga	aaagttcagg	120
gactttgcac	cctgtggggg	actcagatgt	ccagccgcac	tctctacatt	aatagtaggc	180
aactgggtgtc	cctgcagtgg	ggccaccagg	aagtgccggc	caagtttaac	tttgctagt	240
atgtgttgga	tactggggct	gacatggaga	aggctggcaa	gcgactccca	agcccagccc	300
tgtggtgggt	gaatgggaag	gggaagggaat	taatgtggaa	tttcagagaa	ctgagtgaaa	360
acagccagca	ggcagccaac	gtcctctcgg	gagcctgtgg	cctgcagcgt	ggggatcgtg	420
tggcagtgat	gctgccccga	gtgcctgagt	ggtggctggg	gacccctggg	tgcattcgag	480
caggtctcat	ctttatgcct	ggaaccatcc	agatgaaatc	cactgacata	ctgtataggt	540
tgcagatgtc	taaggccaag	gctattgttg	ctggggatga	agtcacccaa	gaagtggaca	600
cagtggcatc	tgaatgtcct	tctctgagaa	ttaagctact	ggtgtctgag	aaaagctgtg	660
atgggtggct	gaacttcaag	aaactactaa	atgaggcatc	caccactcat	cactgtgtgg	720
agactggaag	ccaggaagca	tctgccatct	acttcactag	tgggaccagt	ggtcttccca	780
agatggcaga	acatttcctac	tgcagcctgg	gcctcaaggc	caagatggat	gctggacact	840
ctccagttat	ccaatcaaga	gtatgatggg	tgccccatt	gtttaccgga	tgttgctaca	900
gcaggatctt	tccaggtgat	ggggctttga	ggatttgtaa	gagagtctgg	ccccatcccc	960
ctgactccct	cacatacatt	catgcctatc	tatctgaatc	tctcgcacac	agagagcccc	1020
atgaagccat	ttgcatcatc	aaagcaccca	gaaacccagt	ctagtctctga	gtggactttg	1080
gttccaggga	ggctgagggc	aaacatttat	ttctcttctt			1120

<210> 8991
 <211> 1573
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (163)...(1573)
 <223> similar to gi4106549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8991

tttcgagaag	gggcgaggcc	cgtttgcagg	ggccgctcgg	cccggggaag	cccgcgcccc	60
gctcagcctt	gcagccccgc	gcccggagca	tctccctgga	ggaacggaga	caaaggagga	120

ttcatgtcca	aagggtccc	agagaccagg	acggacgcag	ccatgtcaga	gctgggtgctt	180
gagcccaggc	ctaagccagc	ggtgcccattg	aagcccatga	gcatacaactc	caacctgctg	240
ggctacatcg	gcatacgacac	catcatcgag	cagatgcgca	agaagaccat	gaagaccggt	300
ttcgacttca	acatcatggt	cgttggccag	agtggactgg	gcaaatcaac	gctgggtcaac	360
acgctcttca	aatcccaagt	gagccgcaag	gcctccagct	ggaaccggga	ggagaagatc	420
cccaagacag	tggagatcaa	agctatcggg	catgtgatag	aggaaggcgg	tgtcaaaatg	480
aagctgaccg	tcatcgacac	cccaggcttt	ggagaccaa	tcaacaatga	aaactgctgg	540
gagcccattg	agaagtacat	caatgagcag	tacgagaagt	tctgaagga	ggaggtcaac	600
atcgccaggga	agaaacgcac	ccctgacact	cgtgtccact	gctgccttta	cttcatctct	660
cccacaggac	actccttgcg	acctctggat	cttgagttca	tgaaacacct	cagcaagggt	720
gtgaacatca	tccctgtcat	tgctaaggct	gacaccatga	ccctggagga	gaagtctgaa	780
ttcaagcaaa	gggttcgcaa	ggagcttgaa	gtaaatggca	ttgaattcta	cccccagaag	840
gaatttgatg	aggatttgga	ggataagacg	gagaatgaca	aaatcaggca	ggagagcatg	900
ccttttgctg	tgggtgggaag	tgacaaggag	taccaagtga	atggcaagag	ggtcctcggc	960
cgaaaaactc	catgggggat	catcgaagtg	gaaaacctca	accactgtga	gtttgccctg	1020
cttcgagact	ttgtcatcag	gacccacctc	caggacctca	aggaagtgac	acacaacatc	1080
cactatgaga	cttaacaggc	caagcggctc	aatgacaatg	gaggcctccc	tccggtgagc	1140
gtggacacag	aggaagacca	cgacagtaac	ccatgacgac	cacttctctg	tgtcatcaca	1200
cataccacact	tcacacacac	acatcccaaa	taccacacc	aaccaccttc	ttcctctcaa	1260
ctctgtccca	caggcctgtc	tggtatattgt	ggagcatctt	gtctgtgtgt	gtgtgtgtgt	1320
gtgtgtgtgt	gtgtgtgtgt	gacagagaga	gagcgagaga	gcctgtgtgt	gtcctatcag	1380
gggagaggta	ttttcactgc	cctccctgga	gagtcacctg	taagtgtggc	tgctcatcgc	1440
ctgtccatta	tctgtctcct	ttttttgtgt	cccaaaaaca	agctgtttgc	ctcactcaag	1500
agatctgggg	gagggttttat	ttaaaagtgc	tgggagcagg	tgaccacagg	caactcttct	1560
ctcggaacct	gcc					1573

```
<210> 8992
<211> 1150
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1151)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (532)...(1150)
<223> similar to gi3877563 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8992						
taacaggtta	aagaagtgcc	aaccttcctt	cctgggtggg	gaaggggcc	aagcttggcc	60
ggggcgaaaa	gttttnaagc	accattgggg	gttttctgta	agtgtggagg	gtttggacca	120
gggtgggcct	gtgccgggcc	ctctccacct	ggtgcctttg	acagacactc	cgggctgtcg	180
gtaaggagtc	aagtacctgc	cggcagcccc	cgctagtttt	cgatttcccc	ccagcactgt	240
ccgaaaaactt	gaagggcgac	ttcaacttgt	cctgcttggt	gagggagagg	gccttgtcga	300
gcttgcttgc	caactgctcc	tggtcgctgg	ccatcttctt	cttcttaatc	tttagctgac	360
tgatgaagtc	cgacgaggcc	tcatgttcat	cccaagtctg	gttcctcccc	ctggctttcc	420

```

ccattccgat gagggcatca tgttcctcct cagacccctt gtgtctcttt cttatccctg 480
ctcccagctc ataatcatct gatgtcagca gagacttgct gctcagcttt ccgctactgt 540
ggccgctcct ccctctcttg cgggggggcg acagggcgct cggggcggtg gtccgtttcc 600
gcggcctgcc agggcctctg cgtgccaaagc ttctatgggg ttccctcgcg ctgtcctcgg 660
agtcccgggc gcgctgcagc ttcaccagct cacgctgctt ctccctgtac tggcgctgca 720
cctcggccag ccgcatccgg aagtccagct ccagggcgct catgtcctcc agggaggact 780
tcatggcata catccgctcc tccttcttgc gcatccagct gtacttcttg ttgggcttca 840
gctcccgcgg gagccgcagg ttcttgagtg ggtccaccac gggcccatcc agcacctccc 900
tcagcatgtg gctgccagct gccagcagac tctccaggga gggccgcgcc accaggggccc 960
gctccgcacc tcccatctct tggtcctcct tctccagctc cagctctgcg atctcactta 1020
gcagggtgat gccatgcagg aagctctgct ccaagacaag gctctcggct gcttccagct 1080
tctccaaggc ctgggctcca gcagcaccgc gggagggcag aggcctggcc tggggcagct 1140
ccgcagctgc                                     1150

```

```

<210> 8993
<211> 1649
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1650)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (440)...(1649)
<223> similar to gi340011 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8993
ccagccaggg nttagcccta cctangtgan aaaattaaaa nacaaaagaa tgnggggttg 60
ggctcacaag canttcaaca aaccaaata canaagtga ctgcagggga acctgggctt 120
agggcaccat ttggcactac acgggctgta gcgttcacgg gcttaaagac caaaaaagac 180
agtatgctta caatttctgg acagacctac tatacaagga caatcacaga caaagccaga 240
ttgcaaagac tgttttataaa tacctacata ttcaatgcac agatatcaat gtataactac 300
aaagatgaag aacagtcagg gaaacatgat gtcaccaaac agacaaagtg ccagtggctg 360
actctaaaga ggcagagata tatgacattc ctgagataat tcaaaatagc tgtctaaagg 420
tataaaactc cctggtaaaa ataactcagg aactgataac caaatgatga tgatgatgat 480
gatcaaccca gaggactggg tgaattcggt gctcaaacca gagaaaaaca ctgtcctact 540
aatgatact attttaata aattgattgg tcattactgt caagcaattg aagtaatttg 600
tcagataaca tataaagatg aagggtttgc tcaaattcaa gtgagattca acagctgaat 660
taaagctatt caagagccag atgatgtata agtggtcata gcaaactgca agacatttgc 720
ttttgtgcat atatcttctg cacagtttga aatgtctcaa ggtaatttca aaaaagtaa 780
acaccttctt cataaagctg taaaatgtgg agcagtacca ctagaaatgc tgcaaatgca 840
cacgcagaat tgaaacctcc aacaaagtag ctgctttcag cgaaggaaaa gagttcatca 900
acattgacaa tattaactac ccaagaatca ttctctagtt cattgaacat ttacagaata 960
ggaacatgct gtaattaggc aattaggcaa gagaaagaaa aggcattctaa attggaaagg 1020
aggaagttaa ctgtctctgt ttacagatga cacgatcata agtagagaaa atcctaaaga 1080
ctccacccaa aaaactgttc gaactaaaaa acattcagta aagtttcagg atacaaaatc 1140

```

tacaaacaaa	aactagtatt	atttcttttt	tttgagacaa	gatctcactc	tgttgccac	1200
gctgaagtgc	agtgttgcaa	tcacagctca	ctgcagcctc	aactccctgg	gctcaaccaa	1260
tcctcccacc	tcagcctccc	aagtagttgg	gaccaccaca	cctggctaac	ttttgtatta	1320
ttttgtagag	aaaggggttt	gccatgttgc	tcaggctggg	ggcaaactcg	cgagctcaag	1380
caactcacct	gccttggcct	cccaaagtgc	tgggattaca	gccataaacc	agtatcattt	1440
ctatacatta	atggtgaact	atatgaaaaa	gaaatcaaga	aaatcccatt	tacaatacaa	1500
ttaaaaaaa	atataatata	atataatctag	aaatacactt	aacatgggtg	aaaaatctct	1560
aggatgaaaa	ctataaaaca	ctgatgaaag	aaactgaaga	gccaaataaa	tggaaagtta	1620
tcctgtgttc	atggattgaa	agaattatt				1649

<210> 8994

<211> 1468

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (640)...(1468)

<223> similar to gil322994 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8994

ttaaaatcaa	ggctatctta	tcacttttagc	tatatgatta	cagctctttc	aagtagtttt	60
cctttggtac	tagaaagtca	tttttctaaa	gagcattaac	atttcaaata	agcaaatttt	120
atthagagat	gtaaaccatgt	aaacattaaa	aactcaacta	aattttatct	ttattatgat	180
gggcactgat	ttaaactatt	aatgaaaata	tgtcatgtca	gagatataaa	gaagaatata	240
tcaccagat	agtaacatgc	aattaatttc	catttgatta	atataattgg	tgatttaaca	300
cacatacata	tatacacagt	agtttgagc	aatatatagg	caaacacca	taataattta	360
tgcacagtat	ttaagaatgt	gggccttgat	aacagaattc	caacaagatt	ttttttagt	420
tattaaatgt	aattggataa	aatacaatta	aaagcagcag	tgaatatatt	tctctatctc	480
actaactgaa	aaaaacttat	ttatgtaaac	tttatacatg	tgcaattctt	ctcttttcta	540
tatgttttac	agttcttggg	tcttctttta	aaatagtatt	tgccactctt	ctaaattttt	600
gaatagtcta	aatggaggga	actgcttgtg	atacattagt	cttcttcagc	atcatatgcc	660
acttctgcta	cttctatctc	tgatacagca	ttttcagggt	cactaaaact	taagcatggg	720
ttattatcag	ctctagattc	ttcatccagg	acatcttgat	caacctcaag	tcagaggac	780
tcacacttta	ggatctgttc	accttctgtt	tctgacacat	ccagtgatc	ttcaggttct	840
aaagacaatg	ttctgattct	gttctctaaa	gtgtctatat	gaagttgctt	ctcactgagc	900
agtttcttta	gtgattccat	ctccttttgt	ttttcaagta	gttctttctg	taagcggtag	960
tttgtctctt	ctaaagtttc	acagaatgcc	ctgctttcct	ctaggctatc	aaatggaccc	1020
ggtggatcat	ccaaacaaag	aaattctctc	actgcaaggc	agtttagcaat	gtccttgtga	1080
gctactaaat	tttgaagaaa	cgcttghtaat	cctaattgtc	tgtcttctaa	aaagtcagca	1140
ttgtaattat	ctttaaacca	gcgttttgga	ggaagtgtca	gtcgaaaacc	tggaaacatc	1200
tcttttaact	cacagaaatg	ttcagctttg	tcctactgct	gtaactttgt	cattaagcct	1260
agagaagtca	gtgtatcttc	tgaaaactac	ccagctttct	tctgggggtt	tctttactag	1320
tattttatat	acagtaaat	tagctctttc	ttccatcact	tcataaccca	gtatagtagg	1380
tgtagatggg	ctatcttccc	aattcactgt	ttccggattt	tgttcttcag	tgtctcttgg	1440
tctagtagaa	tactcaatgg	aagaagct				1468

<210> 8995
 <211> 1024
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (104)...(640)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8995

ccccgaaatg	accacccgtct	cacccaatca	agacgtgatt	catcaagtaa	gacccgcgcc	60
tttctggtcc	ccaggttcct	tcccgtcac	gccggagtca	cttccgaaga	gagaaccgcc	120
atgaagagag	aagggggtgc	cgcccacctc	tgctccgaca	gcctcccgga	gtcccagcag	180
caagacggca	accacgcacc	caacttctcc	agccacggct	catgccgcgc	tcgccagcgg	240
cgccgacatg	acaaggcgct	gcatgcccg	taggccaggt	ttcccctcat	ccccagcccc	300
ggggtcgtcg	ccccgcgct	gccatctgag	acccggtagt	accgcccattg	ctgcagcggg	360
aaagagaaca	gagagtcctg	gggacaggta	ccgtgcagag	ggcttgagaa	ggggccgggt	420
cgcgggggca	agggatatgag	gggagggctg	cagaccgcgc	ctcttcagct	tcccgcctac	480
ctccgcgagc	tcaggcggtg	gcatttcggg	gcctggcaaa	tcccgcctcc	gcctccgcgc	540
aggggctact	gggagttgga	gtttgcttct	ctgtagttgg	gcagctgctc	ttggcttagt	600
gaccaccagc	ctggacagct	acggagaacc	cgcttaggt	agaaagaaag	tgattttttt	660
cctttgcaag	agtttgaccc	gggacctaa	ctgcttaatg	catatttaga	tcgttttctg	720
tacgttgtca	gtttactactga	tcctagtgg	ttagtaatat	aaaccttttc	tatgttgttg	780
gtgaaattat	gtaacctgtg	atgagggaat	cccttcacg	aattactttg	tagtccagcg	840
tgcacgctag	ttcatactta	aaagaacttg	cagatttgga	atgtgacgtg	ttttctcttt	900
cagtaacttc	gacgcctctc	caagaggcta	atTTTTTTTT	aaagattttg	tgggagctat	960
gtaatgagat	ggggagtttc	atctaattgac	atcctctgac	aataaaacat	gtttaaattc	1020
ccta						1024

<210> 8996
 <211> 388
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (65)...(328)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8996

gcaagacagg	aaaaaaagaa	tgacagtata	aaagaccaca	aaacaatcaa	aaacaagtaa	60
cagattggca	gcagtcagtc	tttacttata	aataataata	ttgaatatat	tggattaaac	120

tctccaatta	aaagacatag	agtgggttaa	tggagcataa	aaacaatatc	caaacatctg	180
ttgccttcaa	aaaatgcact	tcacctttta	aaacacatag	actgaaaata	aggggataga	240
aaaagatatt	ctactcta	aaaattaaaa	gaaaacaata	tcttaaaaaat	atcattttatc	300
ataatcaagt	aagattttatc	cccgggatgc	aaggatgggt	caacaaatgc	aatcaatta	360
atatgatata	ccatatcaac	agaatgaa				388

```

<210> 8997
<211> 547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(547)
<223> similar to gi4079809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8997						
tcttgcctcg	gcttcgtgag	tagctgggat	tataggcgcc	cgccaccacg	cctgggcta	60
tttttgatt	tttagttggg	acggcgtttc	accgtgttgg	ccaggctggt	ctcaaattcc	120
tgatcccccg	tgatgtgccc	cgctcggcct	cccaaagtgc	tgggatgaca	agcatgagcc	180
acctcgcccg	accatgtgtc	atttttcttg	tatgttacat	aagagcttgc	attcacaaga	240
gatgggctct	gtggtctgtg	gaatgaaatg	gttaaagatg	gagaaaattgt	atacactgga	300
acagaatcaa	cccagaacgg	atagctccct	cctggaaaag	agacgaggtt	tcaccgtgtt	360
agccaggatg	gtgtcgatat	cctgacctcc	tgatccaccc	gccatggctt	cccaaagtgc	420
tggggattac	aggcattggg	ccaccaaggc	ccggccaata	tatttggttt	ctttatgaaa	480
attatactgg	atctgttaca	gatgatagtg	tcgaaccaag	tgggacaaag	aaagatctga	540
atgacaa						547

```

<210> 8998
<211> 615
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (277)...(615)
<223> similar to gil408211 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

[illegible]

9000 E. 1st Ave. #100

[illegible]

**900 E. 6th Ave., Room 207
Chicago, Ill. 60611**

<221> misc_feature
 <222> (445)...(746)
 <223> similar to gi3393018 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9000

ctccgacttc	catttcccac	cctaaaccgc	ctacccgggtg	tctgttcccc	gcccggttgt	60
cctcgccctg	ctgcgctgag	tgtccctgt	tagcctcgac	cccatggcgc	tgcagacgct	120
gcagagctcg	tgggtgacct	tccgcaagat	cctgtctcac	ttccccgagg	agctgagtct	180
ggctttcgtc	tacggctccg	gggtgtaccg	ccaggcaggg	cccagttcag	accagaagtc	240
atatctgacg	gcagcttcca	gaacatgctg	gctcccatat	ccacagagca	ctttcctcca	300
acacggctcc	ctacccttcc	ctgtgcttcc	cccagtgtt	ccagcaagtc	tgtttaattc	360
acgtgtcctt	caagactcag	atttgtcatc	tctaggagaa	tttctccctc	ctgtgccctt	420
gatctgatcc	ctatgctgag	tgcgaatgct	atgctggact	ttgtgttcac	agtagatgac	480
cctgtcgcat	ggcattcaaa	gaacctgaag	aaaaattgga	gtcactactc	tttcctaaaa	540
ggtttagggc	ccaagattat	cacgtccatt	ccaggattaa	ctatgggcgc	tgggagttaa	600
cttacaattt	cattggattc	atgtgttaat	gggtaggggt	tattcaaata	tgggagttaa	660
ttaggcacta	ggcgtttngg	attgaaggat	ctcctcaact	gggattaact	tattacattg	720
ctgggacgga	ttccaaaaac	ccggtgaaaa	ttatctcagt	ggaacggggg	tggt	774

<210> 9001

<211> 1377

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1378)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1324)...(1068)

<223> similar to gi3004653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9001

agacagttcc	ggtaagacac	acagccggcc	gaatacattg	ggctggggct	ttggtcggaa	60
ttctattgct	cctctgccac	agcaggaggc	ctctcgggct	ccagatgcct	ttggtttcta	120
ttaaagaaac	gcagcttgta	tttgactaa	ttaaaaacca	gaacggaaaa	agggggcagg	180
aacccccgaa	agtctgttag	gctggaaact	gattcccgtg	gtgcctcagg	tgctcatccg	240
ccacagacag	gtaggtggct	ctcatgctgg	gagagtacgt	aggcggaggg	gaggctctcc	300
cgattagtgg	cacgttctcg	tagcgtgggt	tcctacaaa	gagcatggct	tggttcatgt	360
actcggagac	aggggcgttg	gagatggtct	gggcggggg	ctgcaggctg	gtctgacttc	420
ccaggccact	gctgtagctg	cagaagctgt	gaagctgtcc	cctcggggga	ctgtgagccg	480
ccatgcgcca	ggcttggggg	ttaaaggggt	catcatcatc	aatgtcatcg	tagtctctgt	540
ttctggtggt	gaagtgttcc	caggcccttg	gccctgcaca	gatcatggtg	gagaaggcga	600

```

gggcggccag gaaggagaag aggccaaggt acagcaagcc ctggaggccg tcgtagcaga 660
tgccagcaag agcgtccaga taatccttgt gcagccctcg gcagtccacc atggcgggtca 720
gctggtgaag gctggactct gaggagtcca gcaggagctg gattgcaagc aggtcttcct 780
ctgcagtgga gaagagggggc acggcaaaact gcagcagccc cgcgacctgg atctgcatgg 840
tggttaagtgc gcgctggaag gtgggtcagggt tctgctggaa ggggctgctt ccactctggc 900
tgcaatacag gtagtagcga gtcacctctg tgctgatctg gccctccgtg acgttcagga 960
tgaaggtgtc aggagccaca cagaagtcac tgggtggccac tgccgcagag ccatcagcgg 1020
ccagggatgc ccaactgagg agcaggctca gtgccccaca gcacagcatc gaggccagga 1080
gacacttgga gcgcttgggc agtcccaggc aggcaatgag gcagatgacc aggtccagga 1140
taaagagcag gaggtaggag agccacctgt agtactccac gtagccagtc tggtcggata 1200
gcttggtcag ctccatgggtg acctccctcc acacgggcag tcctgagagc tgaacaacaa 1260
cgctgcccgc catctgctgt atgaacttca gggtctgcag gtaatcgccc cgggcagcaa 1320
agatctcact gagccggggc aggacgaaat cgtcgacccg ggaatttnnn ccggtac 1377

```

```

<210> 9002
<211> 1138
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (316)...(1102)
<223> similar to gi2226004 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9002
cgctagctt ggcaagaggg agatggaccc tgggctcggc gtcctccgga aaactgcact 60
gtgaggcggg gcgatgggga agggccgaag ccccgccagc ccagctaaag cagacggctc 120
gcactgcgac ccgaagcgcg agtcatggct ggggccttag tggcaacaag tgctgagatc 180
agcgggctca gtagcaggaa cacaagcacc cccttgcggt gtctggagga agcggcgcg 240
acagtctccc gctccaccgt gtcgggcctg aagaggccgc tgaacgctcg cgattactga 300
ggcatctggt aggatcgcaa ggccatcaac ctacagggtga agctcgaggc gctgtggcgc 360
tttgaagccg gagagaagct cagtagaatc ggggaaggcg tggggtgtc caactccacc 420
ttggccacca ttctgacaa caaggaaaag atctgggcga gttcccagga ggccacactg 480
caggcggcca ccaagttgac gcgtggccgc agcctggtga tggagaacat ggagcagctg 540
ctgagcatgc ggatggagga ccagagccag cgcaacatgc ccctcagtggt ggtgctcatt 600
cgggagaaaag cccacagccc gtctgagaac cgcaagcagg agcagggcga gggcgccatg 660
cccagagctc tcggggccgg tcgagggtga ttctgctggct ttaaggcgcg ccacagcttg 720
agcagcatcg gggccagcgg cccaagaacg cagcgtgcaa gaatccagcg ttaatgcgca 780
gggtgatccc ggagggcggc tacacactct ggctggtgtt caccatgaat aagctctggc 840
tggtgttcac catgaataag ccagggttcc tctgtaagcg cctgccgaga ggacgttcat 900
tttctgtgg aagatgagtc ggcccctggg tcaaagccgc cggagacctc ctgacctat 960
tgctcggtgg caacgcagcc ggcgacttca agctgaaggc cctgctgggg taccctcgg 1020
agaaccctg tttcctcaag ggctccttca agcccaacct gcccttggtg tgggtgctgc 1080
acaagaaagc ctgggtacag cctgggtgac agagcgagac tccgtctcaa aaaaaaaa 1138

```


<210> 9003
 <211> 1768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1769)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (552)...(1771)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9003

tttttttttt	ttacaacttt	tttaatatat	atttttataa	acaggtcacg	tgataaaata	60
gcacaagaaa	cccttaccaa	atataaggtt	atatcttccg	catatacagg	agaatgaggt	120
cgttatgtac	aataagaaaa	tgatttttagg	ggttggttgg	ttttgttttc	ctctctcccc	180
ttaatttttc	ctcctacagt	cgttggaaat	atcacagctt	cagttgcatt	aatacttttg	240
gcaaattggac	agctgcccc	ccccactagg	ggttggtggg	aggaggggct	ggagaaaactg	300
gctcctgacc	actcagccct	ggagcttcc	ggggctggca	ctccagggac	aggaaaatct	360
ttgggctggt	gatctgtttc	tgattcaaca	gcactctct	ctctctttct	ctctctctct	420
cactctcttt	ctctctctca	ctctctggct	ctctggaaac	tggttactct	cttccaacca	480
gatagggagt	gtcccaagat	tgggtgtggg	cgcggtatct	cctggggctc	aaggttggga	540
tgggaagggg	tcccagcccc	ctcctcagca	acagctgaga	tttgccagca	tccccagga	600
cttccaaatg	tctcgggccg	acagagcacg	gtcagagccc	atttgggcag	acagaagt	660
gggaagctgg	ggaggggtga	agtgggggtg	ggggggcagg	ctagaaagga	gccctccctc	720
ctcggggtgt	ctaggggtgtg	ctggccactg	gaagattgga	gtcgtgacc	cagtgtgac	780
cctgaccctt	ggctgggtcc	actctgcaga	ctccacctga	ggagaccac	ccagggtgaa	840
gctcgggtgc	caggcctgaa	ctgagcccgg	ccgggtgcaa	gggctgaggt	gtgaggtcgg	900
cccaggcctc	ttcccaggcc	tgagggtggc	tacagctcga	ggcttgcaag	gtgcctgcgc	960
cacccctggg	ttgaggccga	ccggagtcag	ctgggatcac	gttaatgact	ccaagcgatc	1020
gccagccctt	ccgccctctc	cctgcccaat	tctctcagcc	tggccaggga	ccaaggccgg	1080
gttttggggc	ggacagggga	ctgccccaca	cagcggcaag	gaggaggaga	ggccgcgtgg	1140
gtcaggctgg	atgggtgagg	aggtgcgggt	ggggcctggg	ctctcggcgg	cgggccatgg	1200
ctttggcggt	ggcctgtttc	ccctgacacc	cctcggaggg	ctccaggtat	ggtgcggtgg	1260
aagatgcagg	aagcccgtag	ggctcttctg	ggcccggtgc	ctgggggacc	cagccccctc	1320
aatccactg	ggccctgccc	gggatggggg	ggacagtggg	aagacagagc	gggtgtggcg	1380
gggaaggcgg	taagggcaca	gtctggagag	ctcaaagccc	ccccaggac	cgagccccgc	1440
cccccaagcg	ggagggcgag	cgagtgatgg	cggcggctgt	ggctgtgggc	gtggcggaag	1500
gcggcgtgca	gtgcgggcac	gaggggcatg	cacaaagtcc	ccgagtgtgc	gtgcgtgcgt	1560
ggggcgggcc	cacccgcgcg	ccccctgccc	ggggcggtgc	tgggagggcg	gagggaccga	1620
aggtcgggga	ggggctttcc	ctcggctcgc	ccgcctccc	gcgcttggcg	ccggcgannn	1680
nnnntnnnnn	acnncangcn	nnnaaanaag	ggtgggcggg	ccccgcgccc	ccgcccaggc	1740
atggccgggt	tccgtgaccg	gtgtggtg				1768

<210> 9004
 <211> 1263

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (210)...(1227)
 <223> similar to gi5410230 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9004

ccgggtcgac	gatttcgtgc	gggagacggc	ggtcgaaaaa	acccggcggc	ctgaagcttg	60
tgttttcttt	gacgcaagg	ctcgagacgc	agccgccgtc	ggccgagcgc	ccggctagaa	120
gcgacaccag	acggagcctc	cggagtccct	ccgccccac	ctcgccgggt	cctggagccg	180
cagtccctcc	agctgccctc	ctcgtggcca	tggagtgtcc	acacctgagc	tccagcgtct	240
gcattgctcc	ggactcagcc	aagttcccca	acggctcccc	gtcgtcctgg	tgtgcagcgc	300
tgtgccggtc	caacaaaagc	ccttgggtct	gtttgacttg	ttcaagtgtc	caactgtgaa	360
ggtatgtgaa	tggccatgca	aaaaaacatt	atgaagatgc	acaagtacct	ttaaccaacc	420
ataagaaatc	agaaaagcaa	gataaagttc	agcacacagt	atgtatggat	tgcagtagct	480
acagtacata	ctgttatcgc	tgtgatgatt	ttgtgggttaa	tgacaccaag	ctgggactgg	540
tacagaaagt	cagagaacac	ttacagaact	tggaaaactc	agctttcaca	gctgacaggc	600
ataagaaaag	aaaacttttg	gaaaactcaa	cactaaacag	caagttatta	aaagtaaattg	660
gaagcaccac	tgccatttgt	gccacaggcc	ttcggaattt	ggggaacaca	tgtttcatga	720
atgccatcct	tcagtcactc	agtaacattg	agcagttttg	ctgttatttc	aaagaactgc	780
ccgccgtgga	gttaagggaat	gggaaaacag	caggaaggcg	gacataccac	accaggagcc	840
aaggggataa	caatgtgtct	ttggtagaag	agtttagaaa	gacactctgt	gctttatggc	900
aaggcagcca	gactgcattt	agcccagagt	ccttatttta	tgttgtttgg	aagattatgc	960
caaacttttag	gggctatcaa	cagcaggacg	cccatgaatt	catgcgctac	cttttggacc	1020
acctacactt	ggaacttcag	ggcggtttca	acggtgtttc	ccgctcagca	attctgcagg	1080
agaattctac	tctgtctgca	agtaacaagt	gttgcatgta	agatttagtt	gccttctggt	1140
ttttaggagg	gcctcagaca	tttcttttgg	tgtaattat	gtgttagatt	tataacggaa	1200
ggtagagggg	tttcttgga	atttgctgga	actcttcgtg	cccttgaact	ttgtgacca	1260
ggt						1263

<210> 9005
 <211> 1396
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (387)...(1196)
 <223> similar to gi5689421 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9005

ctaggaggaa	atactgaccc	cataaaccta	aatctcacac	acggtttttg	acgtttaaac	60
gaatggattt	aacagccttt	tggaattcag	cctgtttgtc	atgactgtcc	aaagtatgat	120

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aatcacatga gagtgctcgt tgctacggat gtcatttgac tcatcagaga aaatctgtct 180
aaaagaaaat atccatgtga ccaaattccat ttcattattg aatggcttga tggatttcct 240
ttactctgat tcataccaaa gctgtccttc tcaaccaaag caagaaagga tcctgcatga 300
gtcaatccca gaatgcaatt ttacatcac caacagggtga agaaaacctc atgaatagca 360
atcacagaga ctcgagagagc atcactgatg tctgctccaa tgaggatctc cctgaagtgtg 420
agctgggtgag tctgctagaa gaacaactac cacagtatag gctaaaagta gacactctct 480
ttctatatga aaatcaagac tggactcagt ctccacacca gcggcagcat gcactctgatg 540
ctctctctcc agtccttgct gaagagactt tccgttacat gattctaggc acagacaggg 600
tggagcagat gacaaaaact tacaatgaca tcgacatggt tacacatctc ctggcagaga 660
gggatcgtga tctggaactc gctgctcgaa ttggacaagc tctcttaaag cggaaccata 720
tcttatctga gcagaacgaa tccctggagg agcaattggg acaagccttt gatcaagtta 780
atcagctgca gcatgagcta tgcaagaaaag atgagttact tcgaatcgtc tccattgctt 840
ctgaagaaaag tgaaactgat tccagctgtt ctacacctct tcggttcaat gagtcttcta 900
gcttatctca aggggttgctg cagttggaaa tgctgcaaga aaagctcaag gaactggaag 960
aagagaatat ggctcttcga tccaaggctt gtcacataaa gacagaaaact gttacctatg 1020
aagaaaagga acaacagctt gtcagcgact gtgttaaaga acttcgtgaa acaaatgtctc 1080
agatgtccag aatgactgaa gaattgtcag ggaagagtga tgagctgatt cgataccaag 1140
aagagctttc ctctcttttg tcacagattg taggaccttc agcatagact taaagaagta 1200
ggcttattcg ttcatcaac agatatttgt taagcactca cataggatct tgcaccatgc 1260
taagggctag atacaataga cagaatacac attgaccttg cccttttaag atgccttagt 1320
ctgattgctg ctttaatcat ctttatgtca tataagagat catgagtaaa tactttacag 1380
tcactatttc tctgtg 1396

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<210> 9006
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(379)
<223> similar to gil82221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9006
ggaactggaa gatagatctg aagagttaac tagaatgcag ccagatagac aaagagatgg 60
ggaacatgta agggagggtta ggaaacatga agaattggaga gaaatgtcta acatgcaaaa 120
aaattctccg gaaatgagac aagcaatatt tgaagcaaag gatataaaga gacatttcat 180
gaagagggtga caagaatact taatatacat gtaaaaagat gttggaactc attagtaatc 240
aggaaaatgc aaattataac caacgtgaga tactcttcca caccaccaa actggaaata 300
gttgagtgtc tgatacttct aagcaaaaat ggggaccagt ggggactctc atcaacagca 360
gacagaagtg tcagtacaac tt 382

```

```

<210> 9007
<211> 935
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (34)...(935)

<223> similar to gi5912153 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9007

gcggccgcgc	acctgctccc	gtcgccctac	agcaagatca	cgcccccgcg	gaggccccac	60
cgctgcagca	gcggccacgg	cagcgacaac	agcagcgtgc	tgagcgggga	gctcccgcgc	120
gccatgggga	agacggccct	gttctaccac	agcggcggca	gcagcggcta	cgagagcgtg	180
atgcgggaca	gcgaggccac	cggcagcgcg	tcctcggcgc	aggactccac	gagcgagAAC	240
agcagctccg	tgggcggcag	gtgccggagc	ctcaagaccc	cgaagaaacg	ctccaatcca	300
ggttctcaga	gacggaggct	tatcccagca	ctatccctgg	acacctcttc	ccctgtgaga	360
aaacccccca	acagcacagg	cgtccgctgg	gtggatggcc	ccttgccggag	cagcccaggg	420
ggccttgggg	aaccctttga	gattaaagtc	tatgaaatcg	atgatgtgga	gcgcctgcag	480
cggcgacgag	ggggtgccag	caaggaggcc	atgtgcttca	atgcaaagct	gaagattctg	540
gaacaccgcc	agcagaggat	cgccgaggtc	cgcgcgaggt	acgagtggct	gatgaaggag	600
ctggaggcga	ccaaacagta	tctgatgctg	gatcccaaca	agtggctcag	tgaatttgac	660
ttggagcagg	tttgggagct	ggattccctg	gagtacctgg	aggcactgga	gtgtgtgacg	720
gagcgcttgg	agagccgtgt	caacttctgc	aaggcccatc	tcatgatgat	cacctgcttc	780
gacatcacct	ccaggcgccg	gtagatgagc	cagacccttg	tcctagtggg	cccccgctcc	840
ccaggacttc	agagatgttg	cacgccccta	ggccctctgt	gctggggcat	caaagacaat	900
gaatgaggat	gaaggctggt	ggcaagtctg	gagcgc			935

<210> 9008

<211> 1148

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1149)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (49)...(1148)

<223> similar to gi459714 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9008

ggcacgagcg	tccgcagagc	cagttcctag	cgcagagccg	cgcccgccat	gagggagatc	60
gtgcacatcc	aggcggggcca	gtgcgggaac	cagatcggca	ccaagttttg	ggaagtgatc	120
agcgatgagc	acggcatcga	cccggccgga	ggctacgtgg	gagactcggc	gctgcagctg	180
gagagaatca	acgtctacta	caatgagtca	tcgtctcaga	aatatgtgcc	cagggccgcc	240

for the 11th and 12th regts. of the 1st div. of the 1st army corps. The 11th and 12th regts. of the 1st div. of the 1st army corps were ordered to the front of the 1st div. of the 1st army corps. The 11th and 12th regts. of the 1st div. of the 1st army corps were ordered to the front of the 1st div. of the 1st army corps.

<211> 363

<213> Hom

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (337)^- \dots (364)$$

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<223> similar to gi498729 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

caaggtcttc	agtaacgttc	aagtcttgca	gtgcatcgac	gaattcacac	tgtagagaaa	60
ccttgcaa	aatgaatg	tggcaaggtc	ttcagtaaac	gttcaagtct	tgcagtgcat	120
cagagaattc	atactggaca	gaaaacttac	aaatgcaata	aatgtggcaa	ggtgtacagt	180
aagcattcac	gtcttgca	gcattggaga	attcataccg	gcgagaaagc	ttataaatgc	240
aatgaatgtg	gcaaagtttt	cagcatacat	tcacgacttg	cagctcatca	gagaattcat	300
actggagaga	aaccttacaa	atgcaatgaa	tgtggcaagg	tcttcagtca	acattcacgt	360
ctt						363

<211> 1693

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

$\langle 222 \rangle \quad (813) \dots (1483)$

<223> similar to gi862423 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

<400> 9010

agaggagaga	ggacgggctt	ggatgaagaa	gggaaagaaa	gagaaagaga	ctgaagcaga	60
gaagagccgc	agaggaagaa	agtgaatgag	cactcaagaa	ggacaaagag	gagtagtcgg	120
gggtgggggtg	gaggcagggc	ggggaaggga	gtgaccgccc	ctcctggctg	cactcttgcc	180
tccggagccc	tctgatcctg	tttgacgtga	tgtcccgagg	gcaggcacct	gctgctctgt	240
aatgattcag	cccccttcag	ccgtcgtcgc	gttaacacaa	caggatgctg	ttgctattgt	300
cactactgcc	tctcctgccg	ccgctgctgc	tgccgcccgc	gccaccgccc	ctggctcctc	360
ttctgctttt	acttctcctg	catgacagtt	gttttcttca	tctgagcaga	caccagcttc	420
agatgctcga	ggtgagaaac	atgcctttca	gtttgggcta	ctggtttact	taattaatca	480
gccggcagct	ccgtcgatct	attttcgtcc	ctgtcctctt	gacgagcccc	ggatgggttg	540
gagtagcatt	taaaagaact	agaaaagtgg	cccagaaaca	gcagcttaaa	gaattattac	600
gatatacttt	gattttgtag	ttgctaggag	cttttcttcc	ccccttgcat	ctttctgaac	660
tcttcttgat	tttaataatg	gccttggact	tggacgattt	atcgatttcc	ccctgtaagg	720
atgctgtatc	atttggttgg	ggggggcctc	tgcgtggtaa	tggaccgtga	ggagcggcca	780
ggggctttct	ttctgggagg	tgaagccgat	gggagattta	ttcccagac	atgtctggag	840
gtcgccgcgc	agaggctcct	cagccccctc	actcagctga	gtgcagaccc	atctcttgat	900
gggcttccgg	cagcagaaga	catgccagag	ccccagactg	aagatgggga	gaacccctgg	960
gatttgtggg	gctgggcctg	ccctgctgtg	cgtgcctaga	agctgagcgc	ctgagagggt	1020
gcctcaactc	agagaaaatc	tgcattgtcc	ccatcctggc	ttgcctgggt	agcctctgcc	1080
tctgcatcgc	cggcctcaag	tgggtatttg	tggacaagat	ctttgaatat	gactctccta	1140
ctcaccttga	ccctgggggg	ttaggccagg	accctattat	ttctctggac	gcaactgctg	1200
cctcagctgt	gtgggtgtcg	tctgagccat	acacttcacc	tgtctctagg	gctcaatctg	1260
aaagtgaggt	tcaagttaca	gtgcaagggt	acaaggctgt	tgtctccttt	gaaccatcag	1320
cggcacccgac	accgaagaat	cgtatttttg	ccttttcttt	cttgccgtcc	actgcgccat	1380
ccttcccttc	acccacccgg	aacctgagg	tgagaacgcc	caagtcagca	actcagccac	1440
aaacaacaga	aactaatctc	caaactgctc	ctaaactttg	taagtagaga	gagagagaga	1500
gacgatgatg	atgatgaata	aaaggggtgg	gtttgaggtc	cccaaaggac	atttcccttt	1560
cttcttgcat	tttagttgcc	tggttttgtt	taagcaaagc	ctatgtttga	gatgcttggg	1620
atggcattga	agggccgagt	aaaatgatct	tgcaaactcc	ggatctgaac	cagtgttgta	1680
acagcagctc	tct					1693

<210> 9011

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (583)...(928)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9011

ggaactcaag	tgtcctacat	aggccaggac	tgcagagaaa	ttccagagca	ccttggcagg	60
gactgtggac	atttcgcaaa	gaggcttgat	ctgagcttta	accttctgag	gtcactggaa	120

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (16)...(346)

<223> similar to gi3413293 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9013

ctctaacc	cccatatggc	tgccgctg	cg	ctaogcgccg	atatctatct	ccccgctgtt	60
tccccat	atcagggtacc	tgtcctctc	cgttcgc	at	ggcgtctaca	agcctgcaca	120
ccaaggg	cgccttcc	ctggaacgg	tcactatgt	acac	ggtcattccc	aaaagcaagt	180
acgtctt	gggtgaac	ctgacaccc	cagttacc	cctacagtga	gaatctggat	gagttcaagc	240
gacttgct	gaaaactc	agcttcca	acgatgat	atctcttgat	ggcagagg	tg	300
attatgg	agac	ctggagct	ga	gggagaaata	can		343

<210> 9014

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(328)

<223> similar to gi51335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9014

gaaaaag	ctt	acatgct	cat	ggtttca	agg	tactaat	taa	cagaaag	act	ttcaaa	actg	60
aaatagg	gggt	ctcagc	agct	cgggcag	cgg	gaggagt	gcc	agtagcc	agg	cagccc	agct	120
tgcgaag	ggc	tctcag	ctcc	gtggccc	aca	gggtgcc	cagc	aagtgcc	ccct	cctgcc	gcca	180
agatgcc	caa	gaggaag	gtc	agttcag	ccg	aaggggt	ggc	gaagca	agag	cccaag	agga	240
gatctgc	gca	cttgct	agct	aaacct	gctc	ctgcaaa	agt	ggaaat	gaag	ccaaag	aggc	300
atcaggaa	ag	gctaaat	ctt	cagattaa								328

<210> 9015

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(415)

<223> similar to gil83885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9015

ggcacgagcc	atgaaacttc	tattgcgaac	gccatgcttc	atttgacaaa	cggggacaag	60
gctaatatca	gaagcctgtg	gcgcaaggcc	aatgtgtacg	aggctggact	acagaccctg	120
attgggctac	tggaggacta	cctacgtacc	aagaggatac	ttgacagctt	tggcaacctg	180
gcctctgact	ctgccatcat	gggcaaccca	aaagtcaagg	cacatggcaa	gaaggtgctg	240
acttgcttgg	gagatgccat	aaagcacctg	aatgatgcca	agggcacctt	tgtccagctg	300
agtagaactg	cactgtgatc	agctgaatgt	ggatcctgag	aacttcatgc	tcctgctaaa	360
tgtgctgctg	accgtgttgg	ccatgcattt	cggcagacag	ttcagccctg	agg	413

<210> 9016

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (248)...(375)

<223> similar to gi250803 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9016

ggcacgaggt	tgagccaccg	cacccagccg	aaaaatctta	tttaagcctg	accttgggag	60
agttactctt	atgcttatga	tatagaaagc	tacaaaatac	attgtttcca	tcataacaac	120
aggaaaaagc	cagatagata	agccacaaaa	acataacttt	tcttgagtcc	agcagagagc	180
tgaagacaca	aggcaaccaa	gtaatcaagt	aatcagattt	aaaaagagga	acgctcccct	240
ccagggacat	tcggtgataa	taactcatac	gactgtggca	tggaccaact	gagagacctg	300
accagagaac	aactgatgtc	attgatgagt	tccctgacag	atcccagtca	gtgtcagaga	360
agtatcacat	ataag					375

<210> 9017

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(414)

<223> similar to gi4566746 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 9017
ggcacgaggc aaaacacggt gattgtgaat ggagttgcta tggcctctag ggcgacccag      60
cccacgcacg tcaacgtcca catccaccag gagtcagctt tgacacaact gctgaaagct      120
ggaggttctc tgaagaagtc tctttataac ctggagactc tgtgctttgt tctgtcagga      180
attgctgagt attagtgaga ttatctgatg gctaatttat tgggttgta tcttattgtc      240
atgtgtcctt cgtatggcaa cttaatgtta tacatgtgta gatttcacta atttattggg      300
tatcacattt gtggaatcat ttatccgttc atcttaggta attattggta ctagggttac      360
tgttctatgt aagtgagtct gatattatgt tgtatgatga aaagtatttg ttgg              414

```

```

<210> 9018
<211> 1448
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (249)...(1448)
<223> similar to gil77831 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9018
ccccgggctc gagccggggc tgtacactgc ccaggcaaag cgtccgggca gcgtaggcgg      60
gcgactcaga tcccagccag tggacttagc ccctgtttgc tctccgata actgggggtga      120
ccttggttaa tattaccag cagcctcccc cgttgccctt ctggatccac tgcttaaata      180
cggacgagga cagggccttg tctcctcagc ttcaggcacc accactgacc tgggacagtg      240
aatcgacaat gccgtcttct gtctcgtggg gcctcctcct gctggcaggc ctgtgctgcc      300
tggtcctctg ctccctggct gaggatcccc agggagatgc tgcccagaag acagatacat      360
cccacatga tcaggatcac ccaaccttca acaagatcac cccaacctg gctgagttcg      420
ccttcagcct ataccgccag ctggcacacc agtccaacag caccaatata ttcttctccc      480
cagtgaagcat cgctacagcc ttgcaatgc tctccctggg gaccaaggct gacactcacg      540
atgaaatcct ggagggcctg aatttcaacc tcacggagat tccggaggct cagatccatg      600
aaggcttcca ggaactctc cgtacctca accagccaga cagccagctc cagctgacca      660
cggcaatgg cctgttctc agcgaggcc tgaagctagt ggataagttt ttggaggatg      720
ttaaaaagtt gtaccactca gaagccttca ctgtcaactt cggggacacc gaagaggcca      780
agaaacagat caacgattac gtggagaagg gtactcaagg gaaaattgtg gatttgggtca      840
aggagcttga cagagacaca gtttttgctc tgggtgaatta catcttcttt aaaggcaaata      900
gggagagacc ctttgaagtc aaggacaccg aggaagagga cttccacgtg gaccaggtga      960
ccaccgtgaa ggtgcctatg atgaagcgtt taggcattgt taacatccag cactgtaaga     1020
agctgccag ctgggtgctg ctgatgaaat acctgggcaa tgccaccgcc atcttcttcc     1080
tgctgatga ggggaaacta cagcacctgg aaaatgaact caccacgat atcatacca     1140
agttcctgga aatgaagac agaaggctct ccagcttaca ttaccctaaa ctgtccatta     1200
ctggaaccta tgatctgaag agcgtcctgg gtcaactggg catcactaag gtcttcagca     1260
atggggctga cctctccggg gtcacagagg aggcaccct gaagctctcc aaggcccttg     1320
cataaggctg tgctgacat cgacgagaaa gggcctgaag ctgctggggc catgtttttg     1380
gaggccatac catgtctatc acccccaggt caagttcgac aaaccttttg actctaata     1440
ttggtcaa

```

```

<210> 9019
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (13)...(398)
<223> similar to gi490104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9019
ggcacgagga cgatgacttg caaaatgtcg cagctggaac gcaacataga gaccatcatc      60
aacaccttcc accaatactc tgtgaagctg gggcaccag acaccctgaa ccagggggaa      120
ttcatagagc tgatgcgaat agatctgcga gagtatgtca agatagatac taggaatgag      180
aaggacatac ataagactgt ggaagaaatg tacctggctg ctcatcagaa cccgaacgct      240
aacctgacca cacttgctct cggagaagtt caagcctgtg atgagcgtaa actccaacga      300
gcctggctta ggcgtcaaca tgcacattcc atataaatct cttgcaggca taccgcaactg      360
ctatacagcg agaaacaata actggcgaag gtggctgn                               398

```

```

<210> 9020
<211> 1106
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (949)...(1108)
<223> similar to gi5689485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9020
tgtattggat tatagcatTT attataccaa actatTTTTT ttttgaacag aaacatagct      60
tgtaagcact taaactatta atggtcagtt catcatacac cagtatgaaa gttatttgag      120
ggcagggatg gcctctttct gaaccttgta tcttcaggcc aaaaaaatgt ctggttgaaTg      180
aaaccaatgt tgatgtacag caatgtggct ggaatttTga aagcttaata aaaattgggt      240
gaggggggca tctaattcag aacatgtttt tgggtgtaag gctagtatca tctacttttg      300
aaaacataat ttttatgatt agcaggtaaa ggtagcatga aactgcaata cactggctcc      360

```

```

agacctttcc tctctgcctt gccacaggca tgcttgggtg gtctgattac aaaagtacgg 420
atctcaacac tatatttttt attctaaaat ctcaacccaa atgatgggat catgggtgca 480
aagtgggttt ttccttttaa ttgtgagaaa ccatttccac atttcagatc taatggtggt 540
ctcatgacat tgcaaaagtag tatttttatgc cctcaaaact gaaccttaag gtagagacaa 600
ttgctccccg ggccaaacac agatccctcc aaccctcac tgtaccttag gaaagctggg 660
ataaactaca gattcaacaa aatctcaata agaaaatccc aaaaaccttc cccaatgccc 720
tgtggttttg cctgaacata gggaaaatgg actgctgggt ggctacagaa caggaatgaa 780
gagttaagaa taataaatgc ctaagttaca gggacagaac caatctttca ttaatgacac 840
aaagtagaat gcacaaagta gtatgcagta tggctggggg acagtcaagg accatctaga 900
cttttaattg ttagaagcac cacaggtcca aatgctcccc agagtggacc aaaactggat 960
tttgtccatg gcaacactgt tctccactat tctgtctata atgagaatat atcaatagca 1020
ggaaatctac tttcacacat ggcaaaccgc gaagaaaaac aaggataacc tcaggccact 1080
tttacttgct gtaagtggga aaaaaa 1106

```

```

<210> 9021
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (187)...(335)
<223> similar to gi310925 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9021
ggcacgagtg aaaatccatt taaagaggag ctactaatt atcaatactg actgctgagc 60
ctggaatcat tcatatatac ctacagagttc attcattcca gatgcaatac tagataagga 120
gactcctatg aaccaaatat ctaactctga atagatagtg actgtcataa tcaaaccctg 180
cggtgcctc ctccttactg gaggtgtgag aggaaagcag tctccccgaa ccctaccctc 240
tcctcacc cccgttcacc cctccccca caaccgctcc cccaacccca cccacccacg 300
ccctctcccc cctccccctc cccctcctct ccgc 334

```

```

<210> 9022
<211> 621
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(621)
<223> similar to gil83885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9022
ggcacgagcg gcacgaggga acgtctgagg ttatcaataa gctcctagtc cagacgccat    60
gggtcatttc acagaggagg acaaggctac tatcacaagc ctgtggggca aggtgaatgt    120
ggaagatgct ggaggagaaa ccctgggaag gctcctgggt gtctacccat ggacccagag    180
gttctttgac agctttggca acctgtcctc tgcctctgcc atcatgggca accccaaagt    240
caaggcacat ggcaagaagg tgctgacttc cttgggagat gccataaagc acctggatga    300
tctcaagggc acctttgccc agctgagtga actgcactgt gacaagctgc atgtggatcc    360
tgagaacttc aagctcctgg gaaatgtgct ggtgaccgtt ttggcaatcc atttcggcaa    420
agaattcacc cctgagggtg caggcttcct ggccagaaga ttggtgactg gaattggcag    480
tgggccagtg cccttgttcc ttccagatac ccactgaagc ctcttgggcc atgaattcag    540
aagctttcaa aggataaggc tttattcttg caagcaatac aaataataaa tccattctgc    600
tgagagatca caaaaaaaaa a                                     621

```

```

<210> 9023
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(443)
<223> similar to gi505652 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9023
ggcacgaggg gaaagatggc ggcgactctg ggaccccttg ggtcgtggca gcagtggcgg    60
cgatgtttgt cggctcgagg tgggtccagg atgttactcc ttcttctttt gttgggggtct    120
gggcaggggc cacagcaagt cggggcgggg caaacgttcg agtacttgaa acgggagcac    180
tcgtgtgcga agccctacca ggggtgtggg acaggcagtt cctcactgtg gaatctgatg    240
ggcaatgcc a tggtgatgac ccagtatatc cgccttacct cagatatgca aagtaaacag    300
ggtgccttgt ggaaccgggt gccatgtttc ctgagagact gggagttgca ggtgcacttc    360
aaaatccatg gacaaggaaa gaagaatctg ccatggggat ggcttgggca tctggtacac    420
aaaggatcgg atgcagccag g                                     441

```

```

<210> 9024
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(239)
<223> similar to gi3043694 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9024
ggcacgagat taacgatctg tgcctatggt gtttcggggac cagttgggga ccccgagaa 60
tgaaccacat gagcaggaag cgcacccgag aggccaaagcg gaggcgagcg cgggagctca 120
aggactcgct ggattggacc cggcacaact actacgagag cttctcgctg agcctggcg 180
ccgtggcgga taaccgtgga aaggcgagat gctctacatg tgtctttgga aaaattcg 240
ggatcggttt tactgtccag acagaacata ttgacagcg gaaacgctga tggcggtct 300
ggtgggtacg acgacgtgcc ggagcaagg taac 334

```

```

<210> 9025
<211> 2170
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (32)...(2117)
<223> similar to gi3878945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 9025
ggcacgaggg atggcgggcg gggacagtga cagcgaagaa gatctggtca gctatgggac 60
cgggctggag cctctggaag aagggtgaaag accaaagaaa ccaatccctc ttcaggatca 120
gactgtcaga gatgaaaaag gaaggtataa acgattccac ggggccttta gcggagggtt 180
ctctgctgga tacttcaata ctgttggtctc aaaagaagga tggacaccct ctacctttgt 240
gtcttcacga cagaacagag cagacaaatc tgttcttggg cctgaagatt ttatggatga 300
agaggatctt agtgaatttg ggatagcacc taaagcgatt gtcaccacag acgattttgc 360
ctccaaaacc aaagacagaa tacgagaaaa ggctaggcag ttggcgctg ctactgcccc 420
tattcctgga gccaccctcc ttgatgacct cataacgcca gcaaaattat ctgttgggtt 480
cgaattgcta agaaaaatgg gttggaaaga aggacaagga gttggtcctc gagtaaagag 540
acggccacgc cgacagaaac ctgatcctgg agtcaaaatc tatggctgtg cattaccccc 600
tggagctcg gaaggatctg aggggtgaaga tgatgactac ttgcctgata atgtgacct 660
tgcacccaaa gatgtcacac ctgtggattt cacacctaaa gataatgtgc atggcttagc 720
ttacaagggc ctggatcccc accaggcact gtttggaaact tcgggagAAC attttaatct 780
tttcagtggg ggttctgaga gagctggcga tcttggagaa attggactga ataaaggaag 840
aaaattggga atttcaggcc aggtttttgg tgtaggtgcc ctggaagagg aagatgatga 900
tatctatgcc acagaaactc tatccaagta tgacactgtt ctgaaggacg aggagcctgg 960
agacggactc tatggctgga cagcaccagc gcagtataaa aaccagaaag aatcagagaa 1020
agaccttcgg tacgttggca aaatttttgg tggattttcc ttggcttcta aacctttatc 1080
ttctaagaaa atctatccac ctccagagct gccaaagagc tatcgaccag tgcattat 1140
cagacccatg gtggcgcca cctccgagaa ctcacactta ctgcaggtat tatcagagtc 1200
agctggaaag gcaacgcctg acccagggac acacagtaag caccaactga atgcctccaa 1260
acgggctgag ttgcttggag agacgcctat tcaagggttca gctacttcag tgttagaatt 1320
tctgtcccaa aaagacaaag agagaatcaa agaaatgaag caggcaactg acctgaaagc 1380
agctcagctc aaggccagga gtctggccca gaacgctcag agcagcagag cccagccctc 1440
ccctgcagcg gctgctgggc actgctcttg gaacatggca ttaggtggtg ggacggccac 1500
cttaaaagcc agcaacttca agcctttcgc caaagatccg gaaaagcaaa agcgatacga 1560
cgagttctta gtacacatga aacagggtca gaaagatgct ctggaacgct gtctggacc 1620

```

cagcatgaca	gagtgggagc	gaggccgtga	gcgggatgag	tttggccggg	cgccctgct	1680
gtacgcatct	tcccattcga	ccttgtcctc	caggttcact	catgccaagg	aggaggatga	1740
ctcagatcag	ggtgaagtcc	ctcgagacca	agagaatgat	gtcggggata	agcagtcggc	1800
tgtgaagatg	aagatgtttg	ggaagctcac	ccgagacacg	tttgagtggc	accctgacaa	1860
gcttctattt	caacttttagt	tggcttacca	agagtgaagc	gtgacaagta	ctcagtcttc	1920
aactttctga	cgctcccaga	gacagcttcc	ttgcccacca	ctcaagcatc	aagtgaaaaa	1980
gtatcacagc	accgaggtcc	cgacaaatca	agaaaaccat	ccagatggga	tacctctaaa	2040
cacgaaaaga	aagaagattc	cattagtga	tttttaaggt	tggctagatc	aaaagccgag	2100
ccacctaaac	aacagtccag	ccccttagta	aacaaagagg	aagagcatgc	accagaatta	2160
tccgcaaatg						2170

<210> 9026
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(268)
 <223> similar to gi2145060 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9026	
ggcacgagaa	cagggaccca gacatggagc tgcgggaaga agcctggtct ccggggccgc 60
tggattctga	ggaccagcag atggccagtc acgagaaccc aggtgagcag ccagaggcct 120
tcccagccga	ccccgtgcc tcccacctga ccctggcttc ctttgcctct ggggtgggagg 180
aaacccccct	tccctgtttt cccctcttgg ggccctggga ccacccgacc ctggcctccc 240
ctccccccct	gggccttgca ctccctggctg tagagggagg gctagtgttg tggctccaag 300
tttcctttct	gctggatgat cttggggacc cctgggggac accttctctg cctgacttcc 360
tctgtccttg	ccccctcc 377

<210> 9027
 <211> 989
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (620)...(1)
 <223> similar to gi5901743 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9027

gcgggccgcct	gtcgggcttgc	tggagactcg	gttgaggtga	ccacagaggc	cacactagt	60
gggggtggagt	tggcctgagc	ggaggtggct	gttgtccct	tcagtgatgc	tgggggtgggc	120
tgtgggatgt	tgacgagcag	gctgggtgtg	ggaacattgg	cgacgcggat	gaggccctgc	180
tggatgatcc	tttgtccctg	aatctgcaca	ctgggcaccg	acgcccggg	ggccaggagg	240
aggggcggtg	gccctgtgct	ggaatgttgc	ctaattgctgt	ggatttgctg	agccccccct	300
gacgagtggg	ggcatgacga	cctgtgagct	cgectgtggc	cccagctttg	aggacgcctg	360
ctgcccacct	cggaccaggg	gcgggggtat	gacactgccg	ggcatccgag	ctgaagaggt	420
ctggagtgat	ggcttgccag	caggaatgtt	ctgagtggcc	cgaacaagcg	ggggaggggt	480
ggtcacgggtg	ctcccaacag	aacctgtggg	cttctgggcg	gtggcttctt	tttgtatttg	540
actctgccgc	aactttttca	acaacacgag	ttttgcttct	tctaacctca	attcttctct	600
cagctgcttg	atcatccttt	ctcgttcttc	aggactgctt	ttcatgaggg	cctcgggtgt	660
agtctccttc	aaggccaccg	tggtcagccc	attcactctc	gggctcgagg	gctgctcgtt	720
gtcggagagc	acaatcacgt	caggtgaggg	gggtctcctc	tcggacttca	tgcatcttat	780
ccgtgatcct	cagagacatc	ttgcaaaaat	tatgtgatgc	acaccttttt	tccagctggc	840
cccatttttg	cacagaacaa	aacaaagccg	tccacactcc	cacgttctgg	acaactgggt	900
ggctggatgt	ctgtgtgagg	tgcgcatgtc	cacgggccca	tcgcccacca	gcccttcgcc	960
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<210> 9028

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (374)...(1396)

<223> similar to gi3882317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9028

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agaacagaag	aaaatgatcc	aggcccagga	atccataaca	ctggaggatg	tggctgtcga	420
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actcttcaag	ttggaacaag	gagaacaact	gtggacaatt	gaagatggaa	tccacagtgg	600
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